

Figure 1

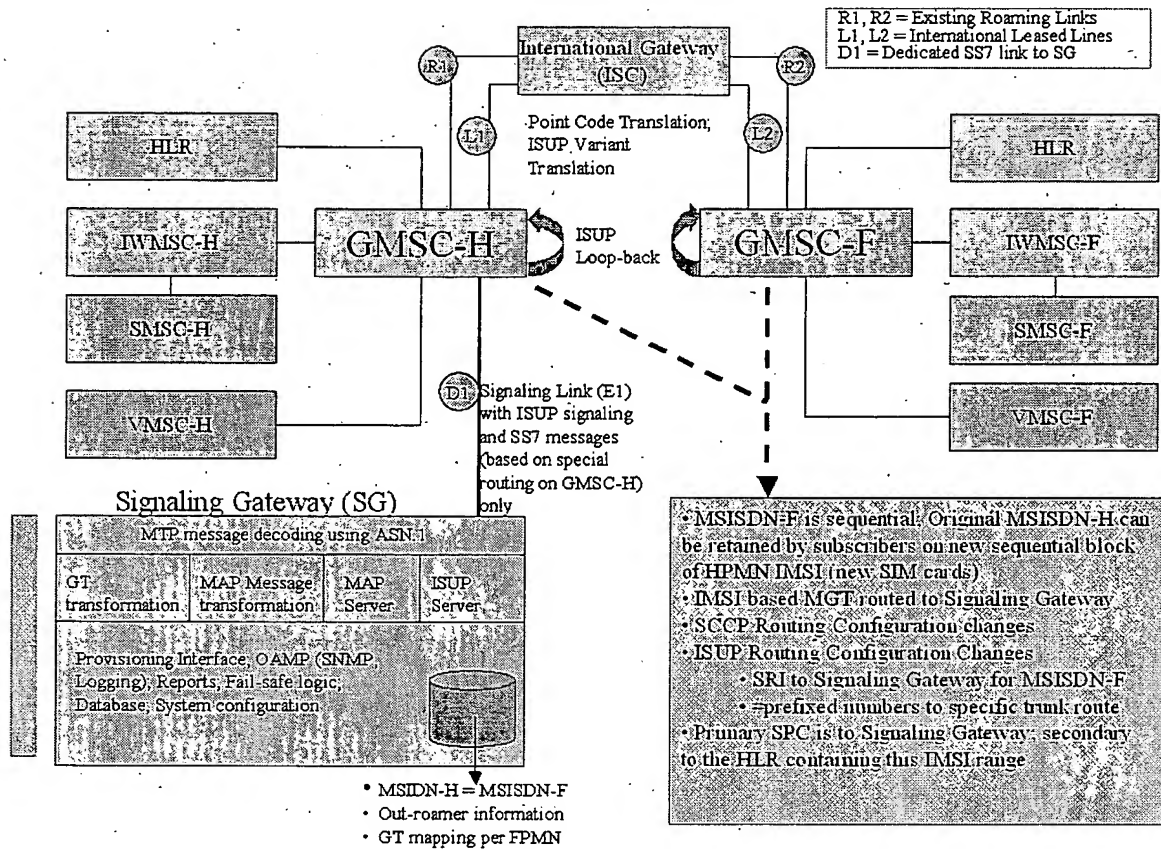


Figure 2

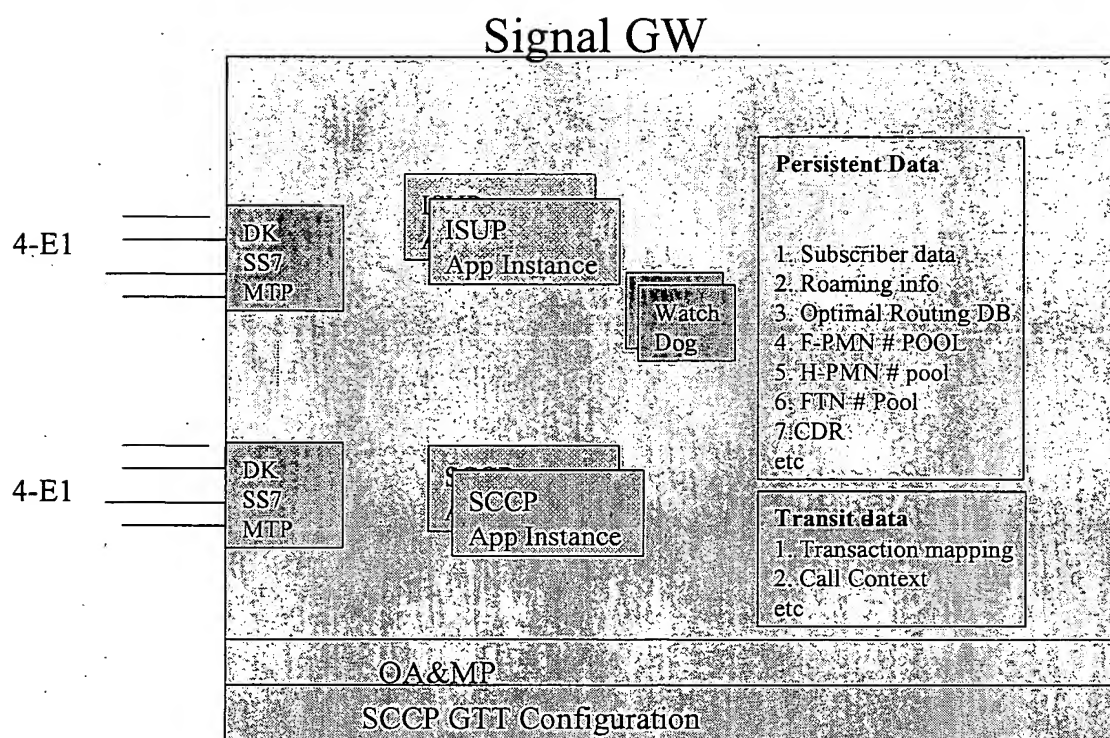


Figure 3

Subscriber data -

IMSI,MSISDN -F,MSISDN -H,
FTN-no-change flag
MSISDN -F # forward on call flag
RCM flag etc

Roaming info -

IMSI,MSISDN -F,MSISDN -H,
VMSC, VLR, FTN,FTN -F, camel,
GPRS, date/time, GT of SG etc

Roaming info history

IMSI,MSISDN -F,MSISDN -H,
VMSC, VLR, FTN, camel,
GPRS, date/time, GT of SG etc

Optimal Routing DB -

MSISDN -F, Destination VMSC, Origination GMSC

Call Context -

IMSI, cIC, call info etc

HPMN # pool -

H-PMN#, FPMN -MSRN

FPMN # POOL -

F-PMN#, real -MSRN

FTN-F # Pool -

FPMN-FTN, real FTN

Transaction Mapping -

Tid-in, Tid-out
Tid-in associated info
Tid-out associated info

CDR data -

IMSI,MSISDN -H,MSISDN -F,
Calling number, called number,
Duration, date/time, Oringating GMSC,
Terminating VMSC, MSRN,,
Pool type, pool numbers etc

Figure 4

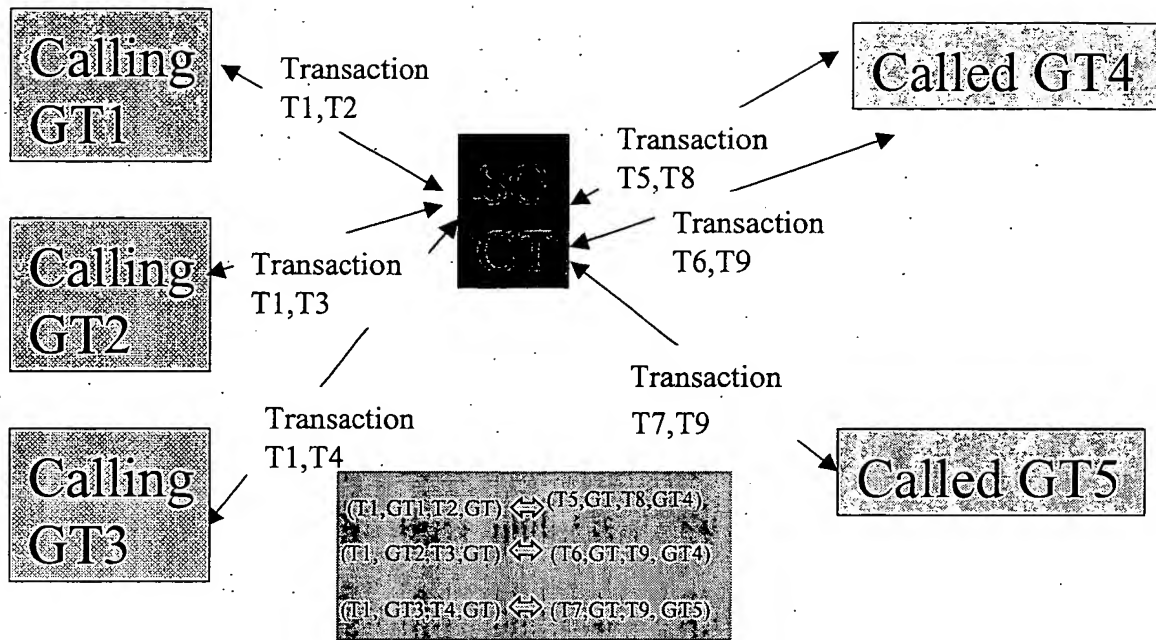


Figure 5

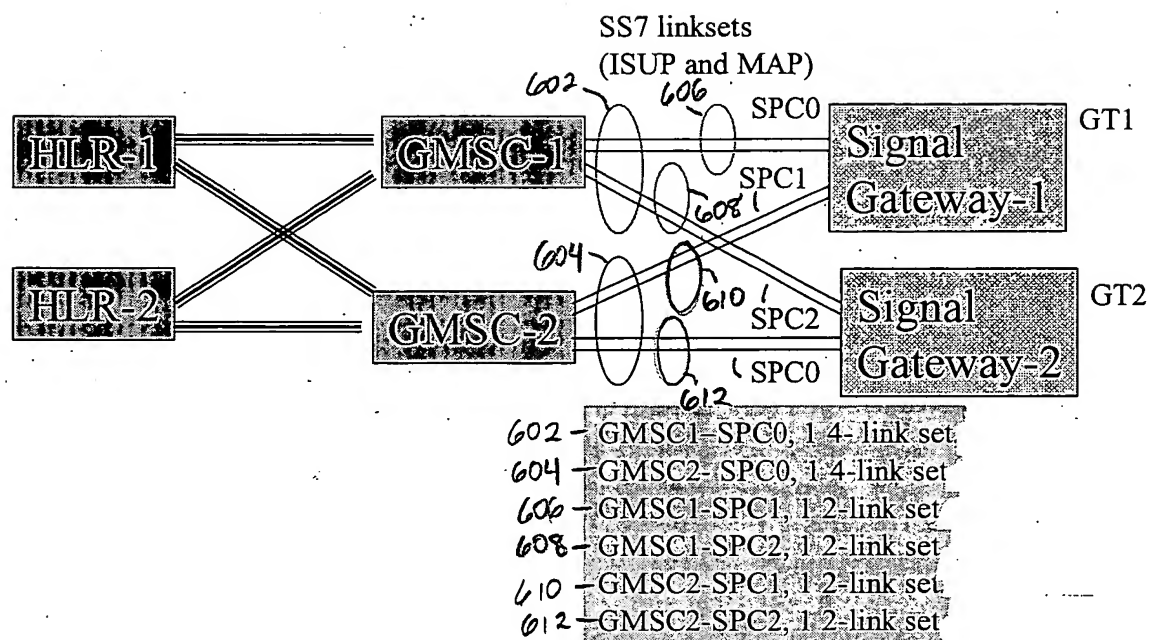


Figure 6

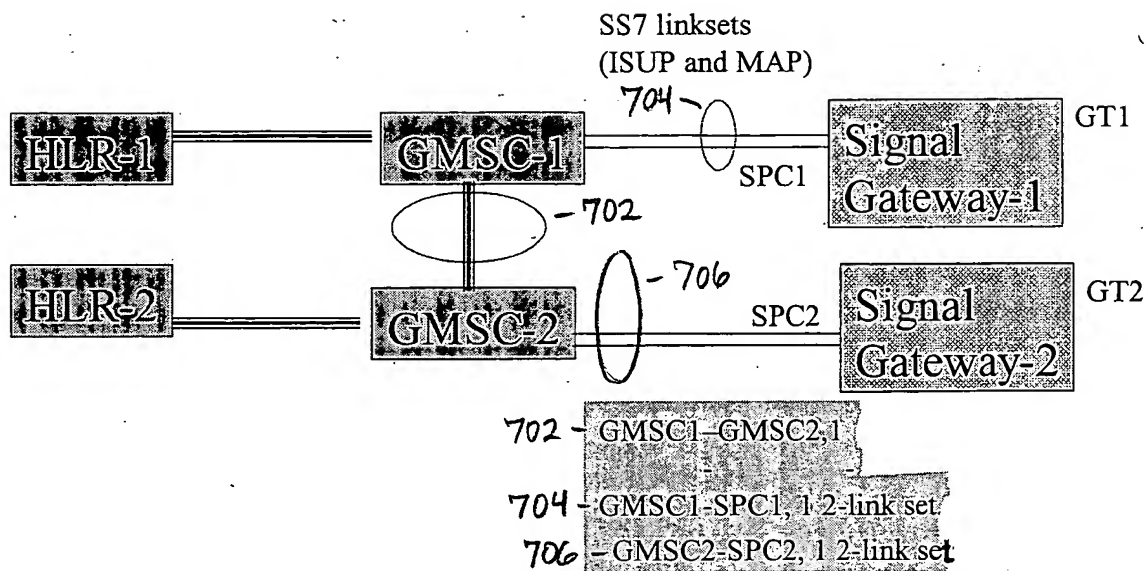


Figure 7

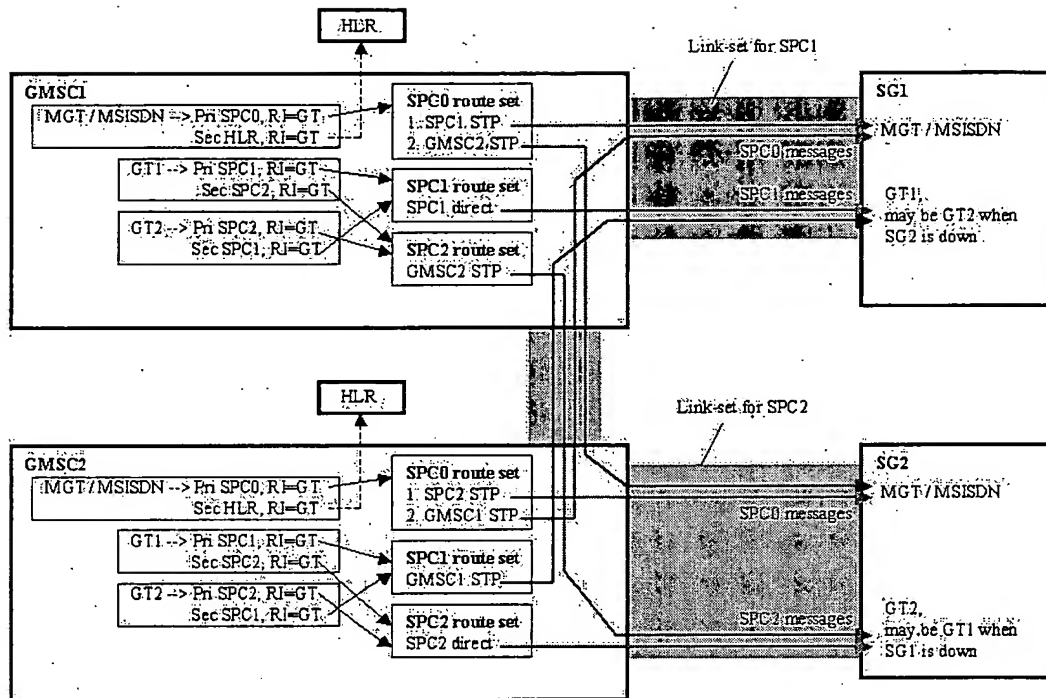


Figure 8

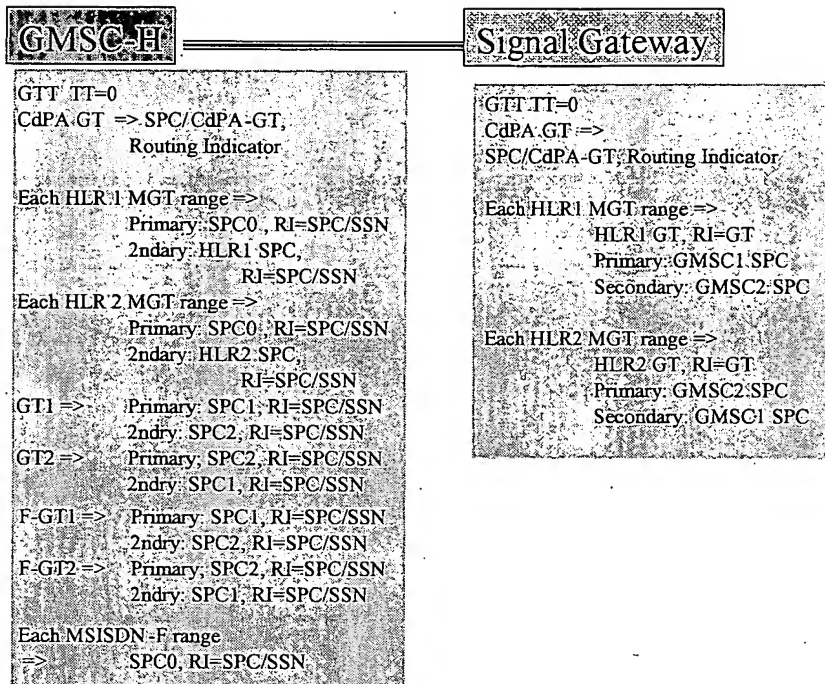


Figure 9

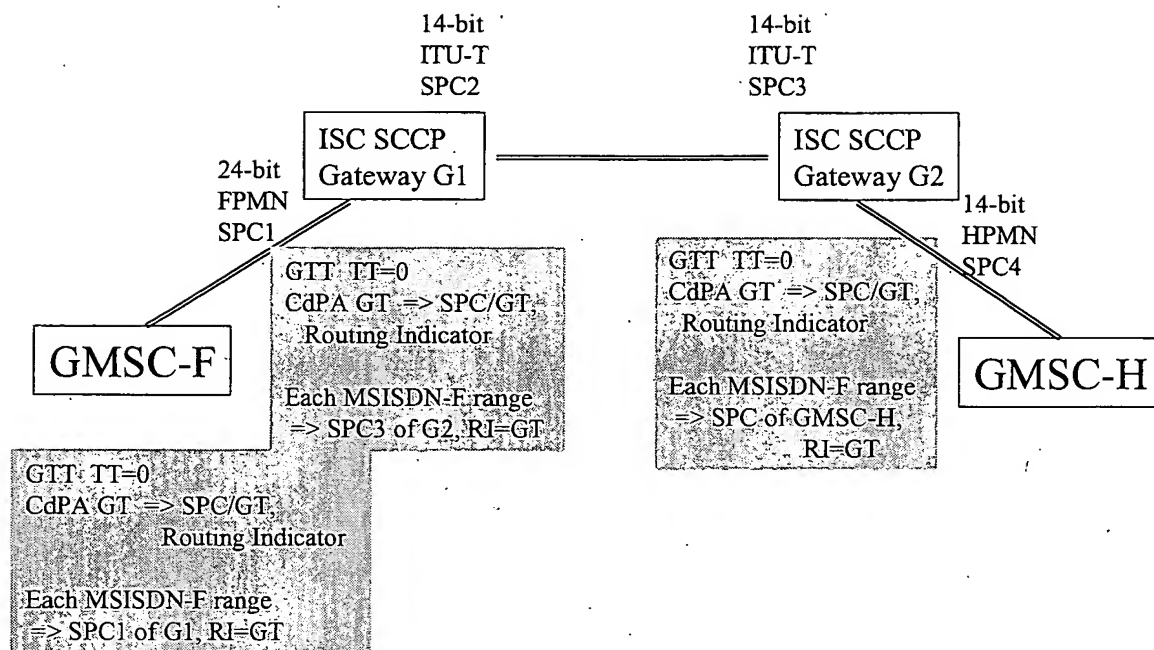


Figure 10

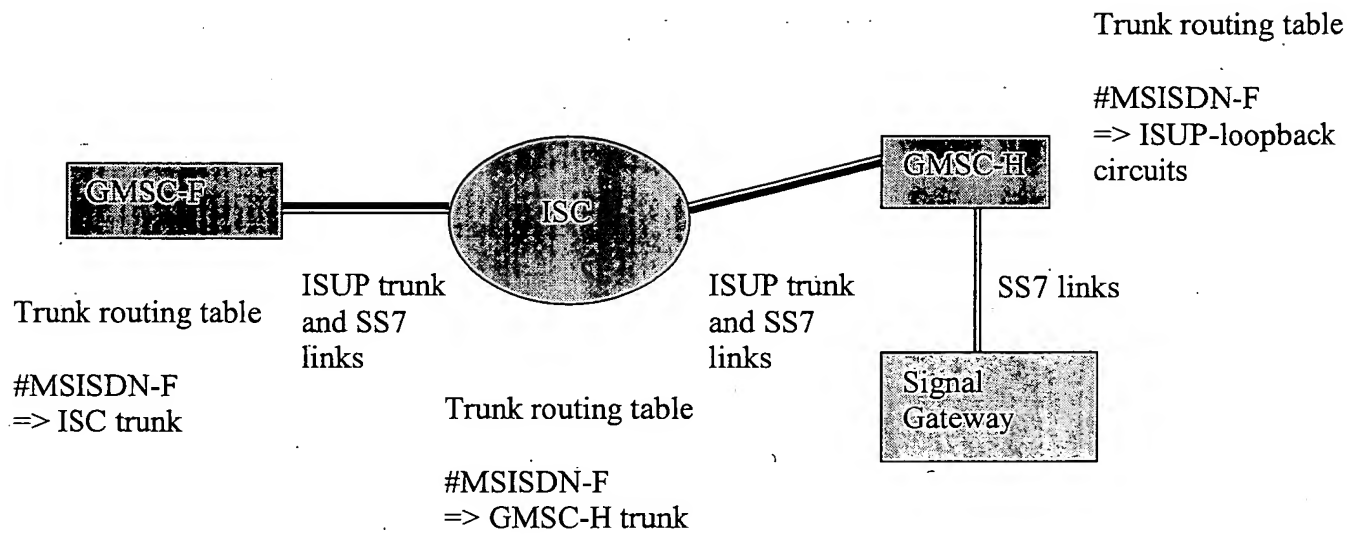


Figure 11

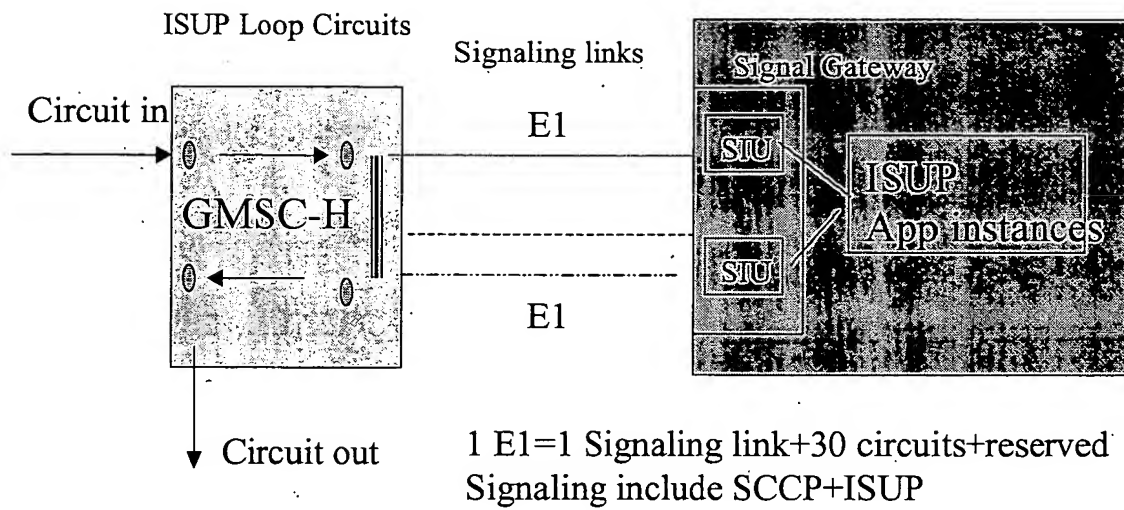


Figure 12

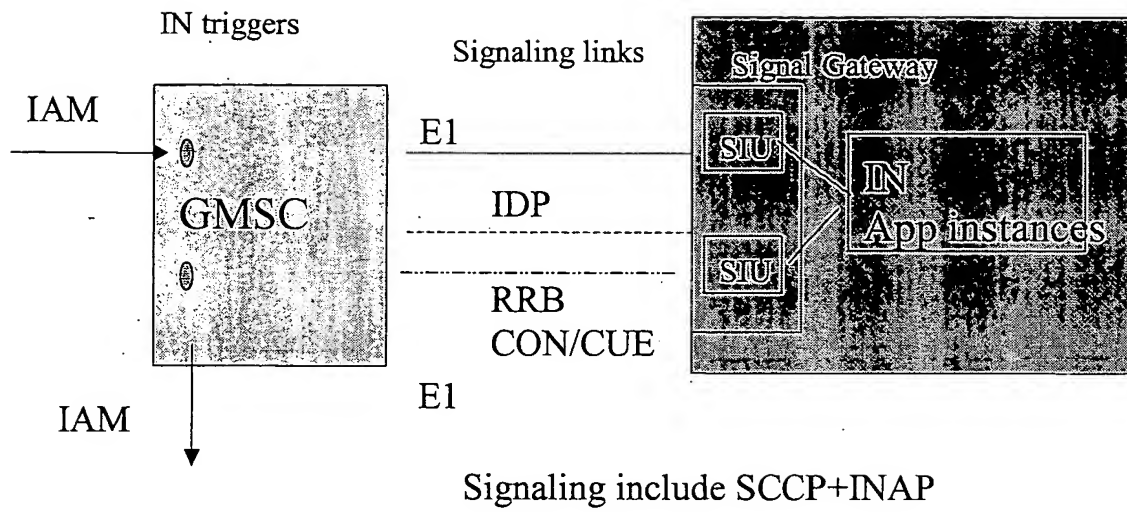


Figure 13

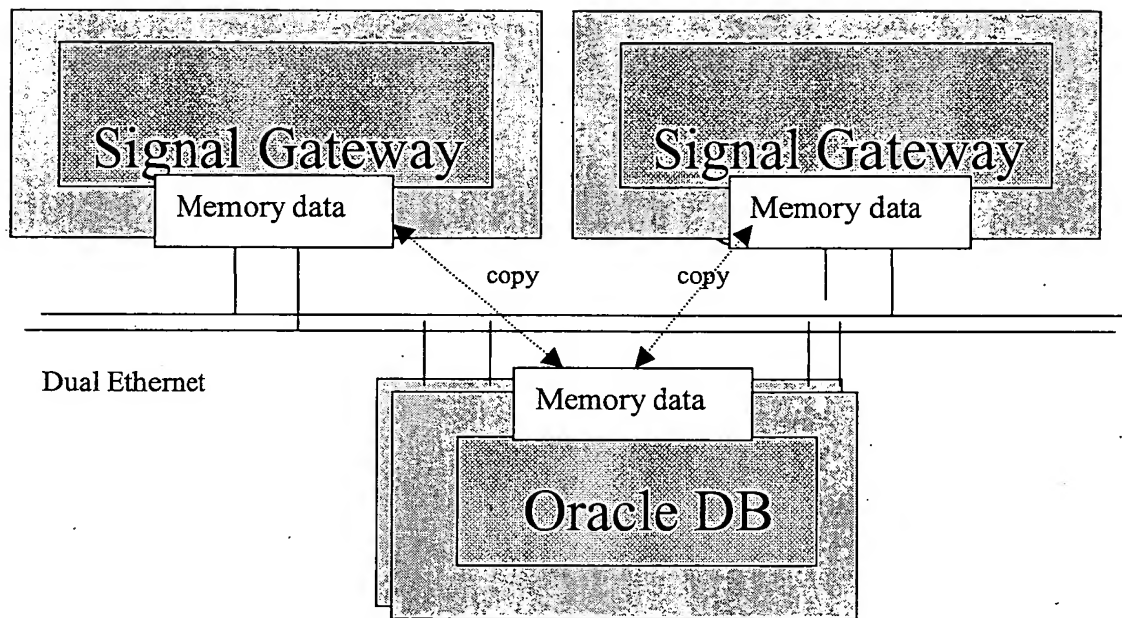


Figure 14

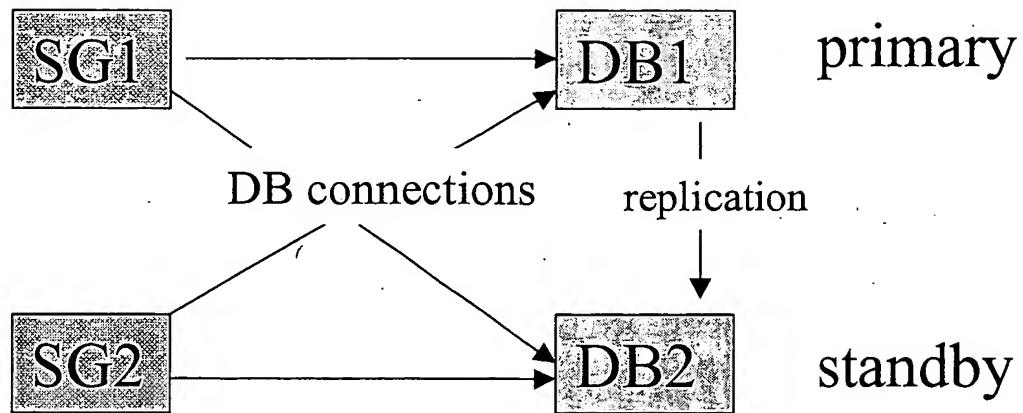


Figure 15

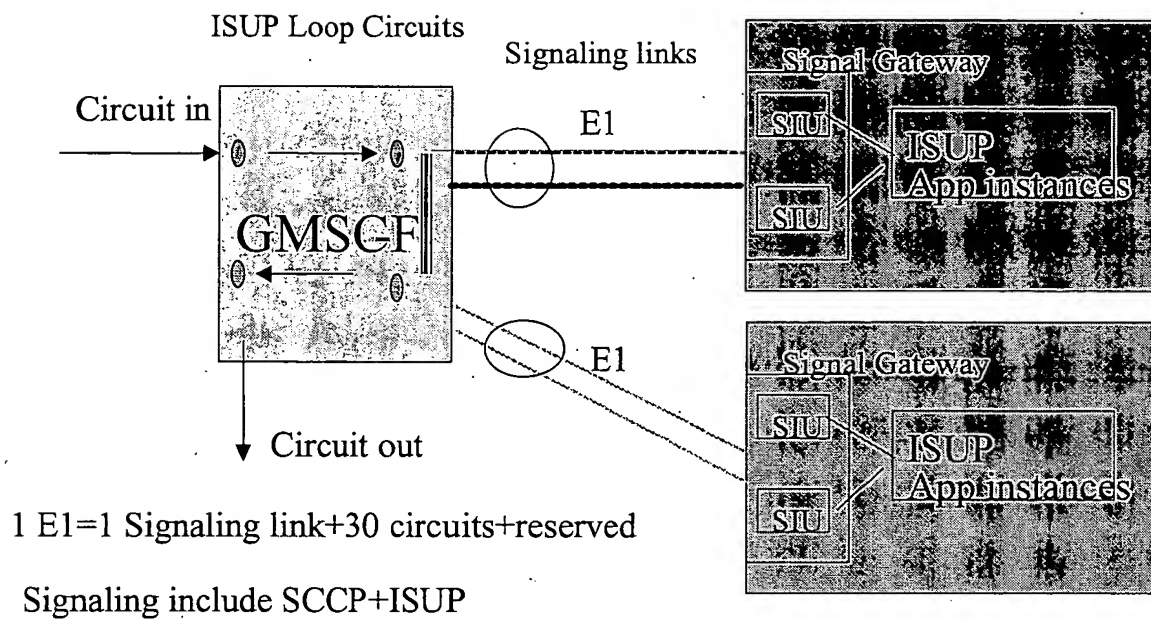


Figure 16

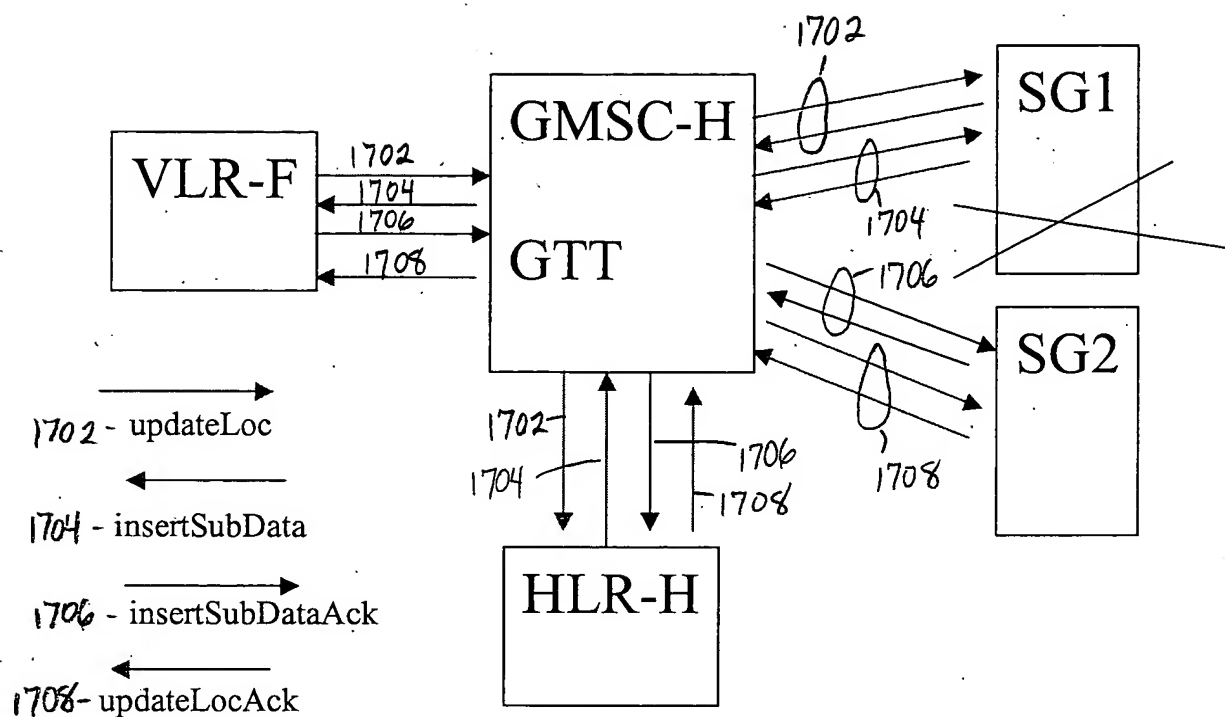


Figure 17

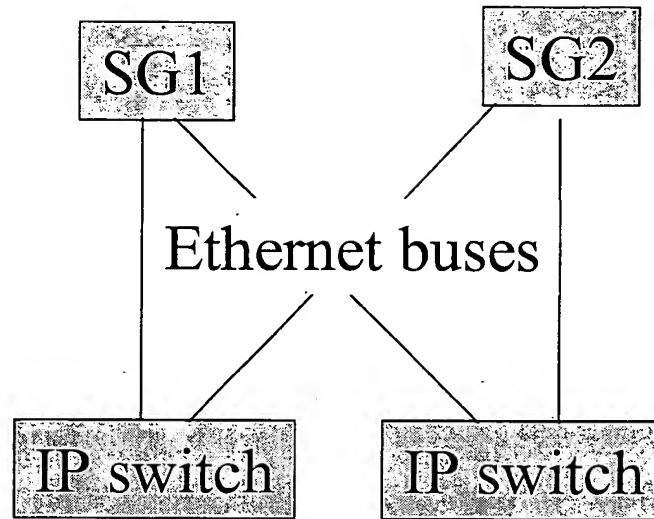


Figure 18

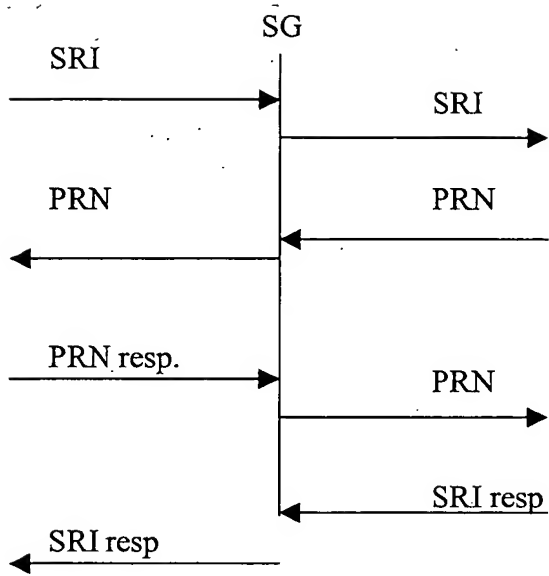


Figure 19

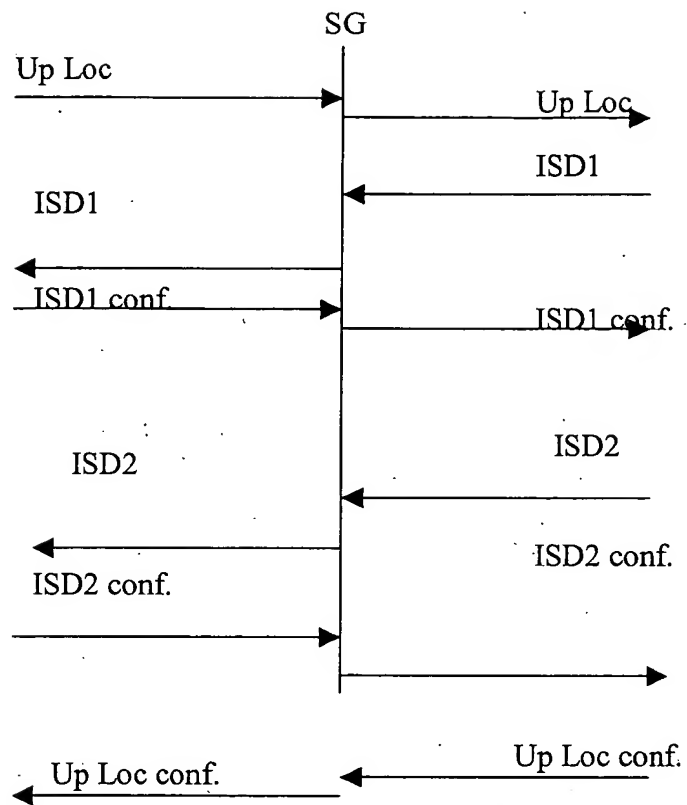


Figure 20

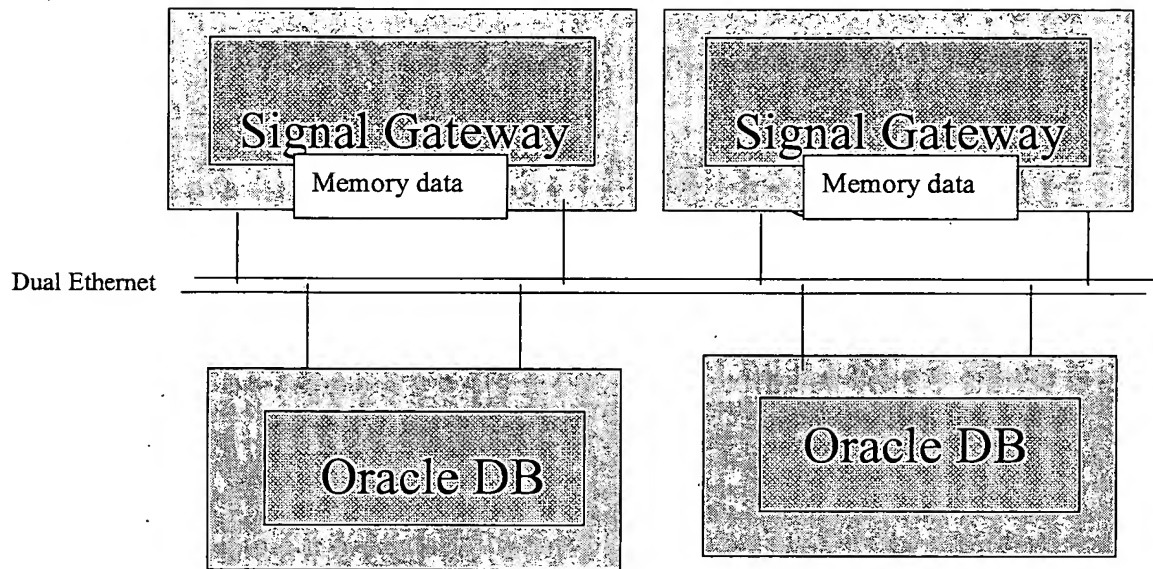


Figure 21

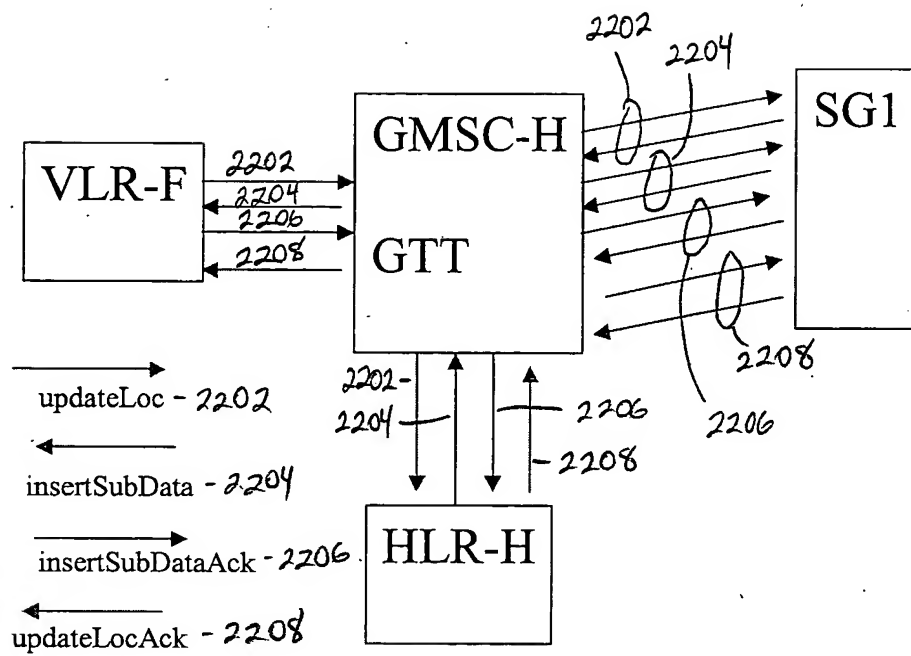


Figure 22

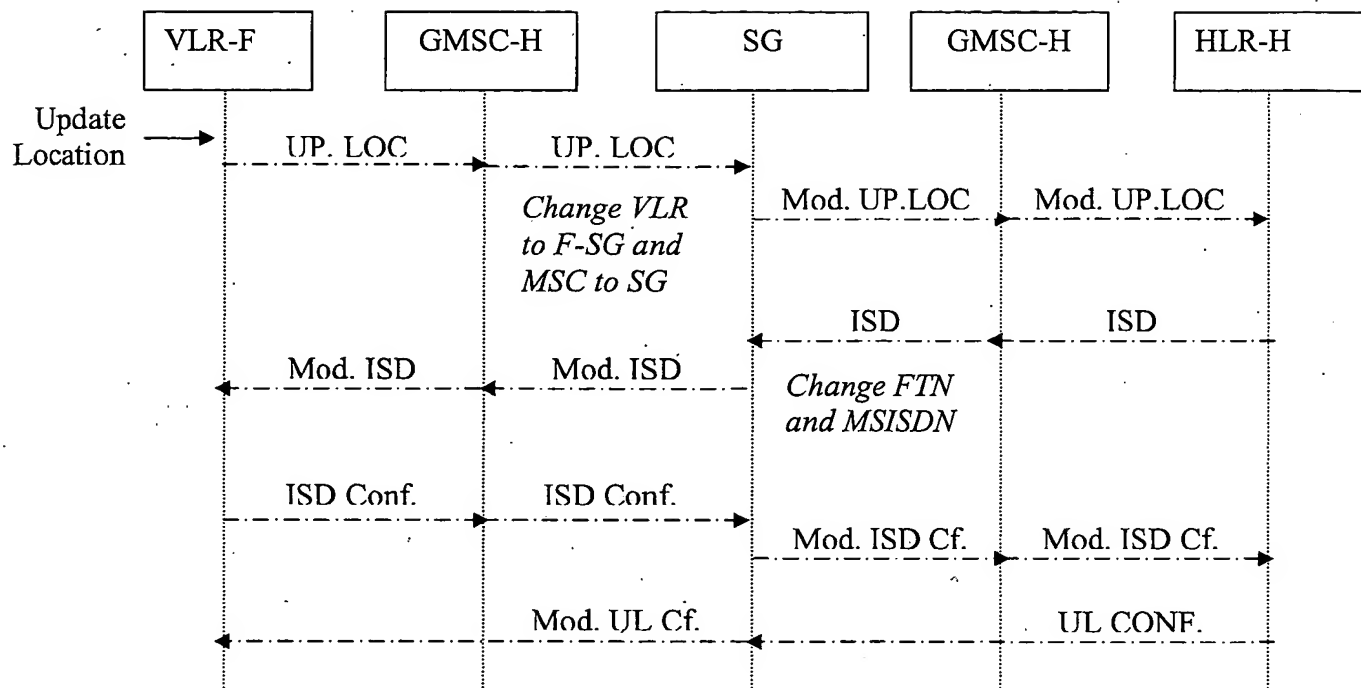


Figure 23

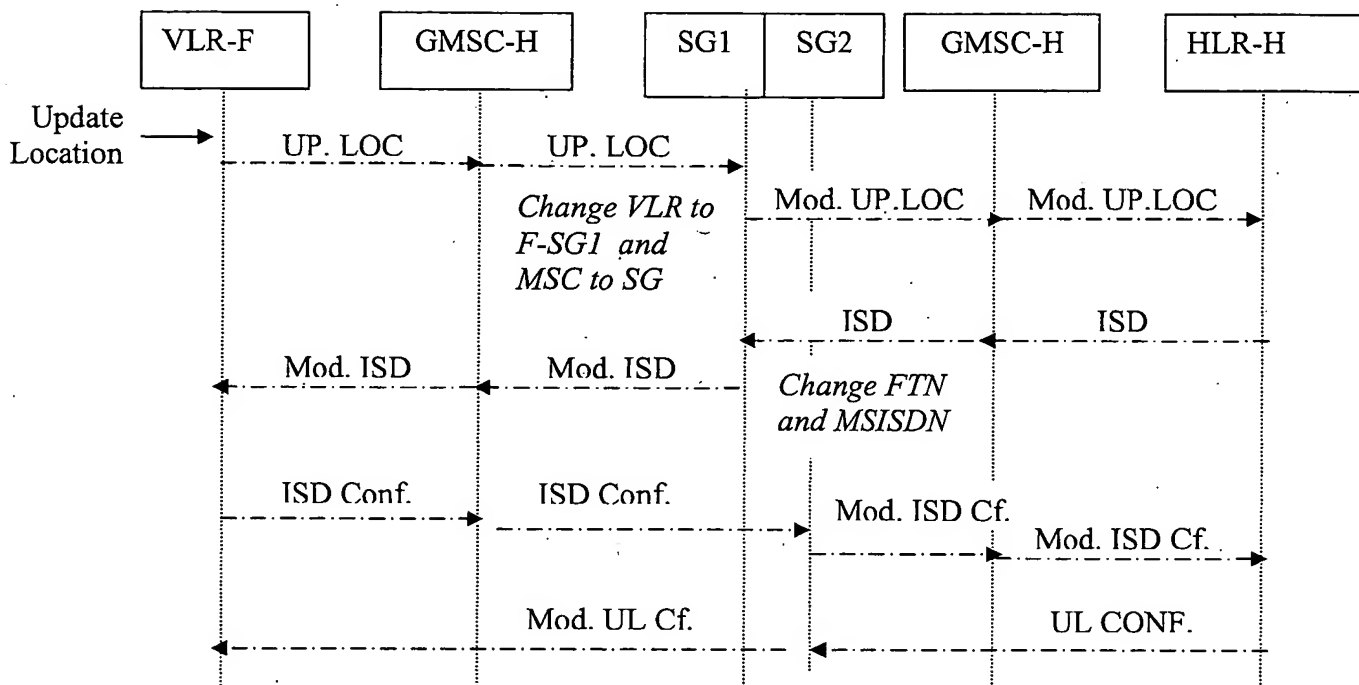


Figure 24

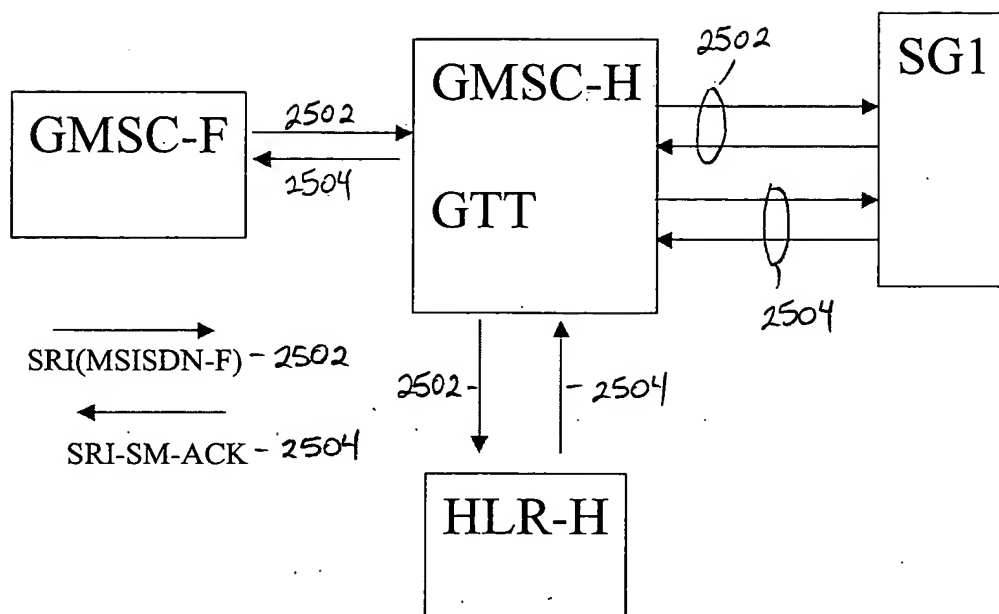


Figure 25

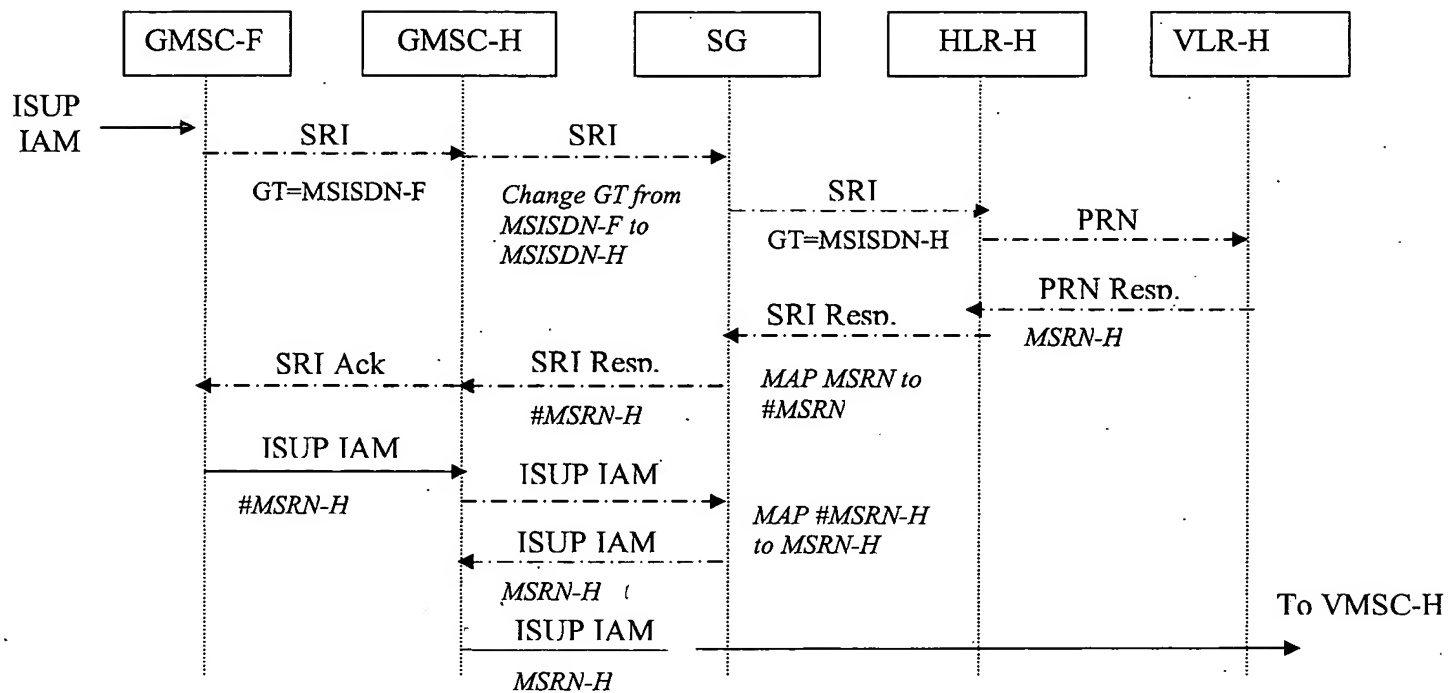


Figure 26

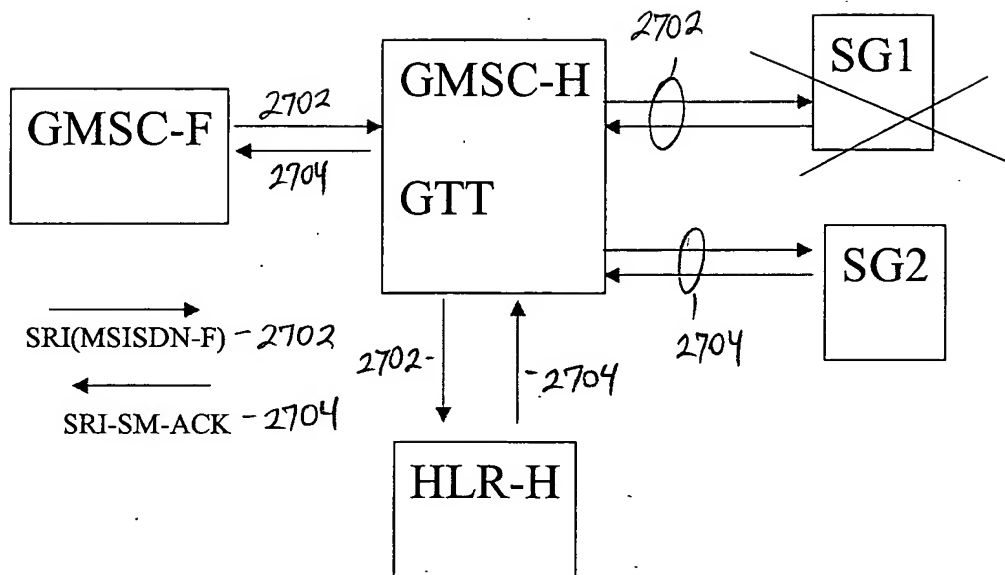


Figure 27

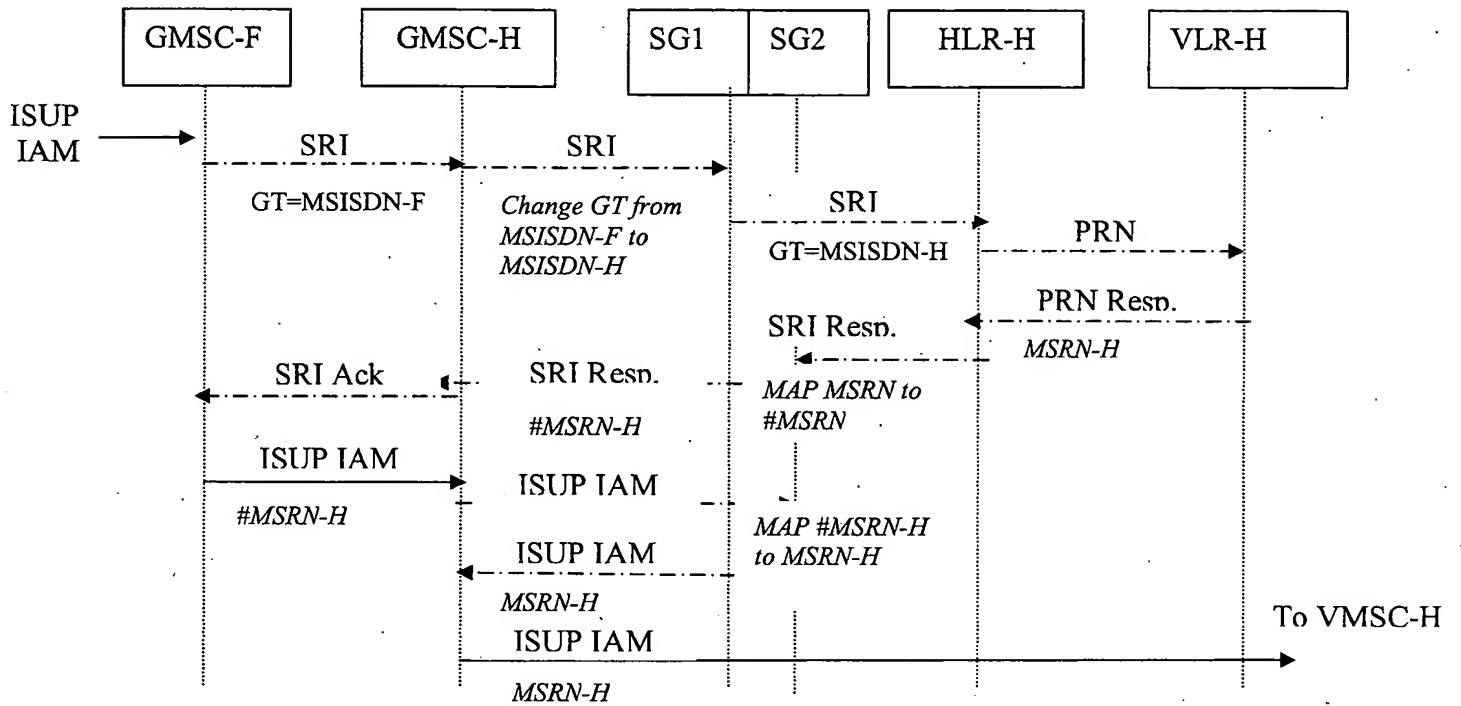


Figure 28

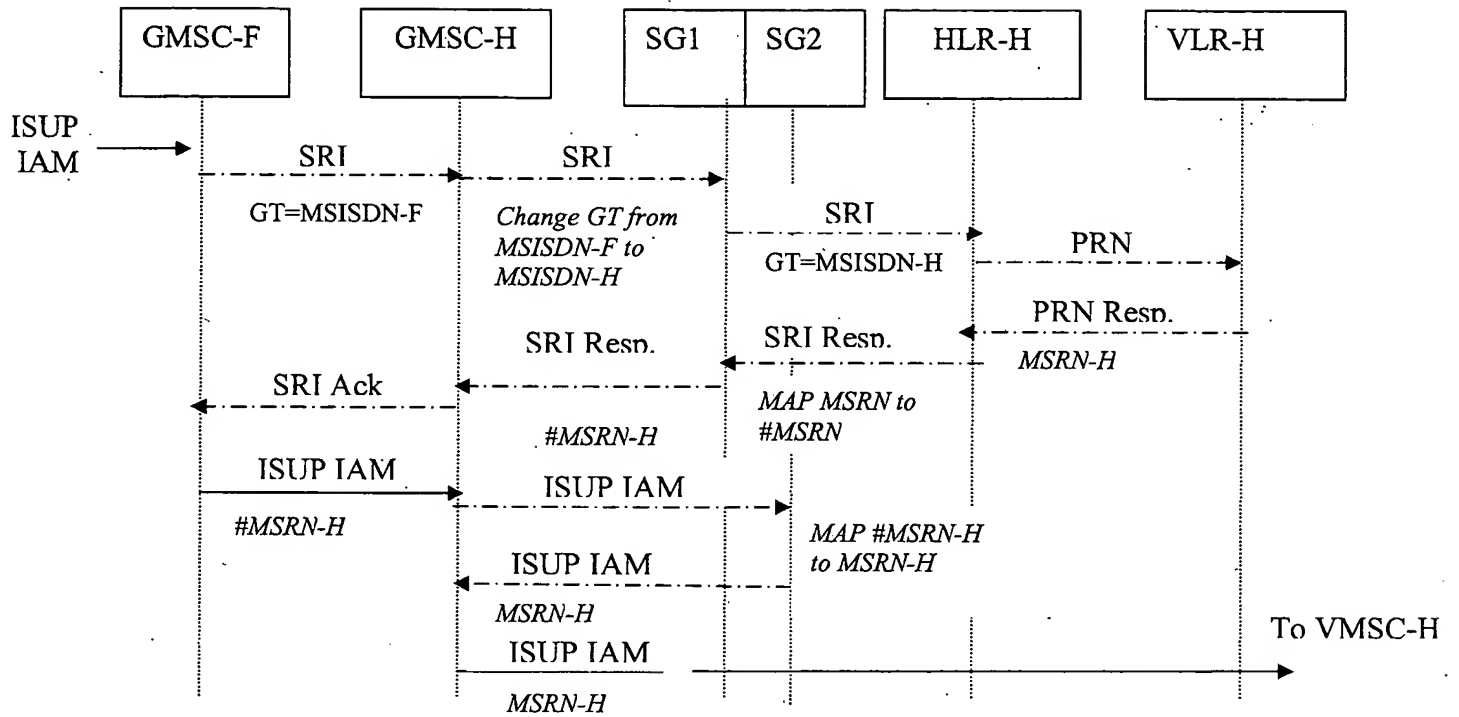


Figure 29

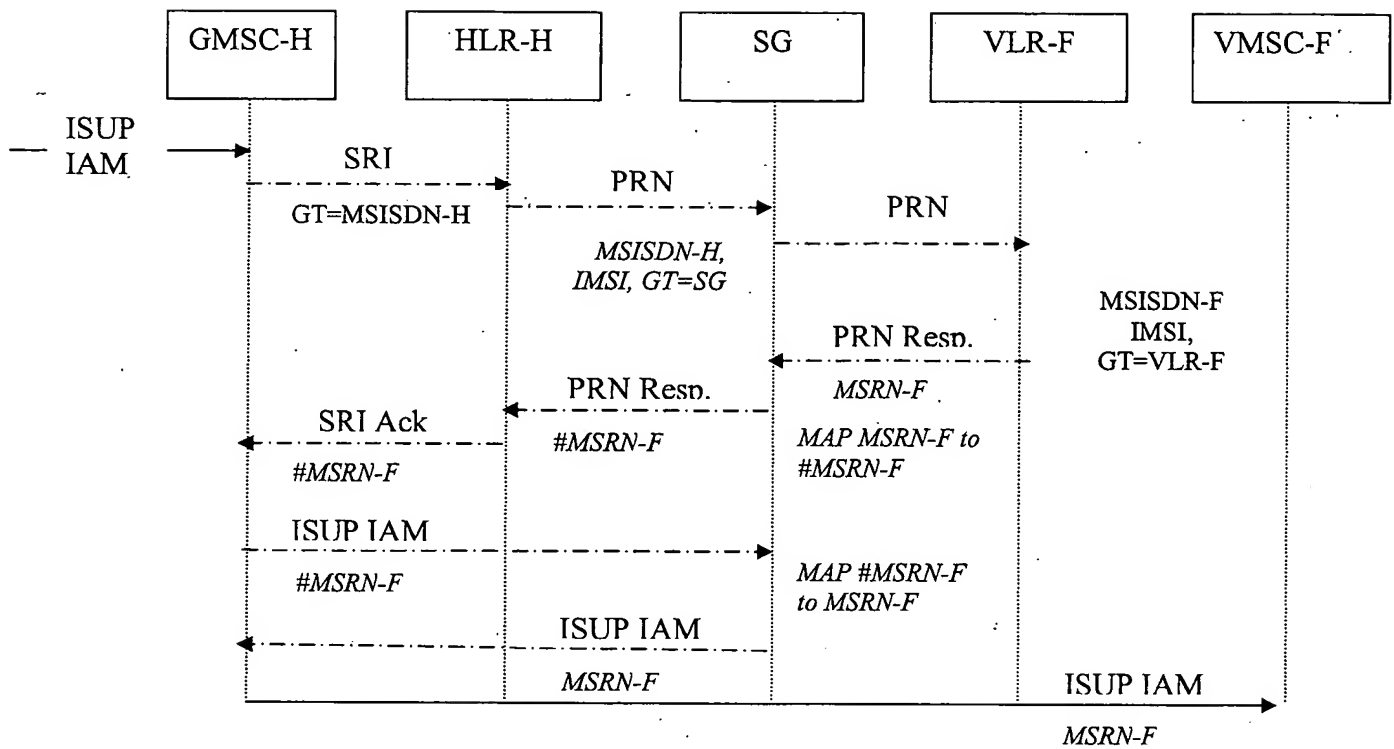


Figure 30

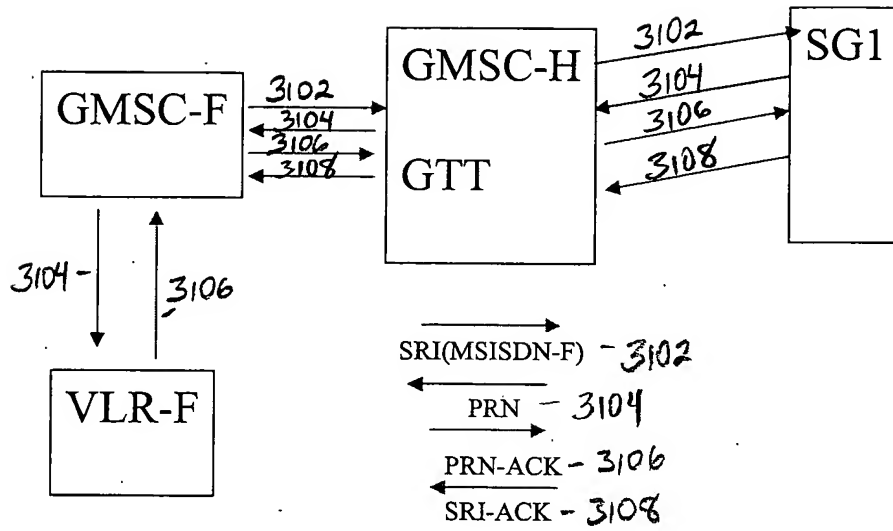


Figure 31

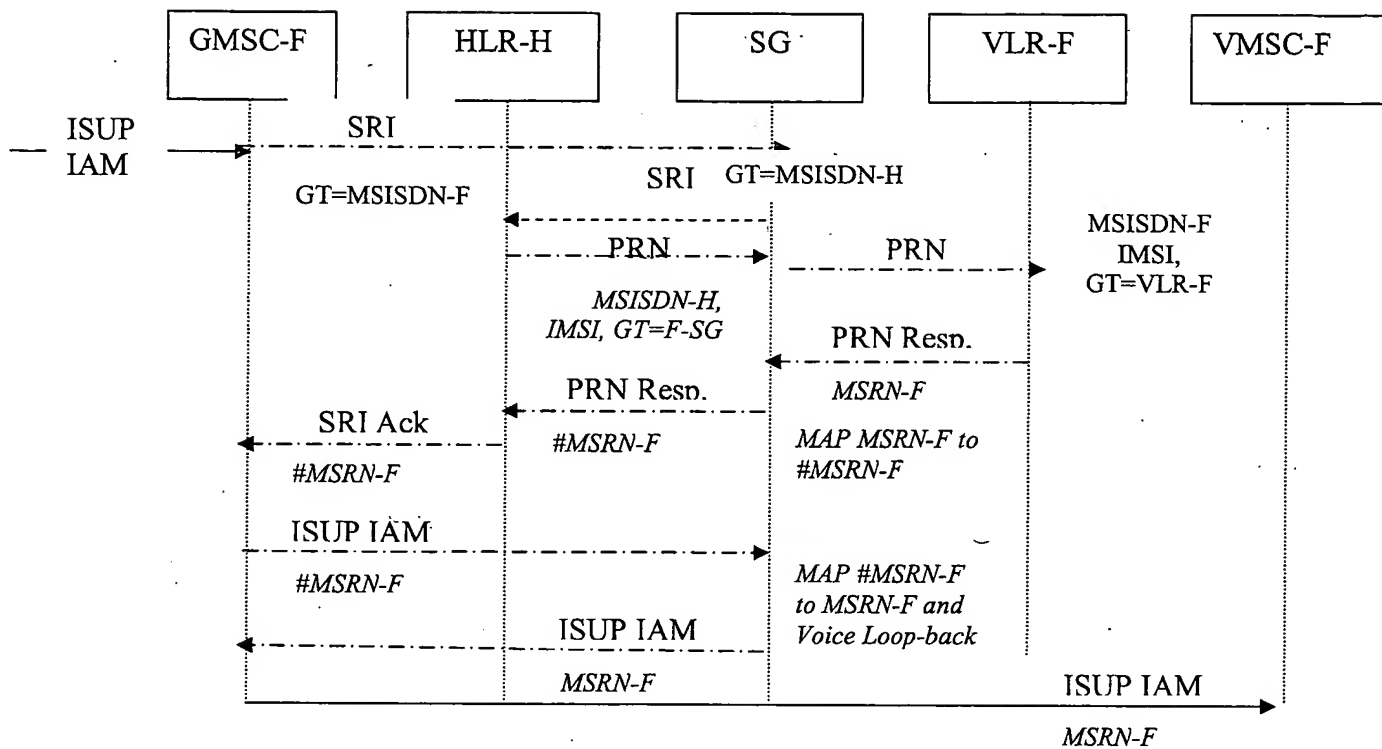


Figure 32

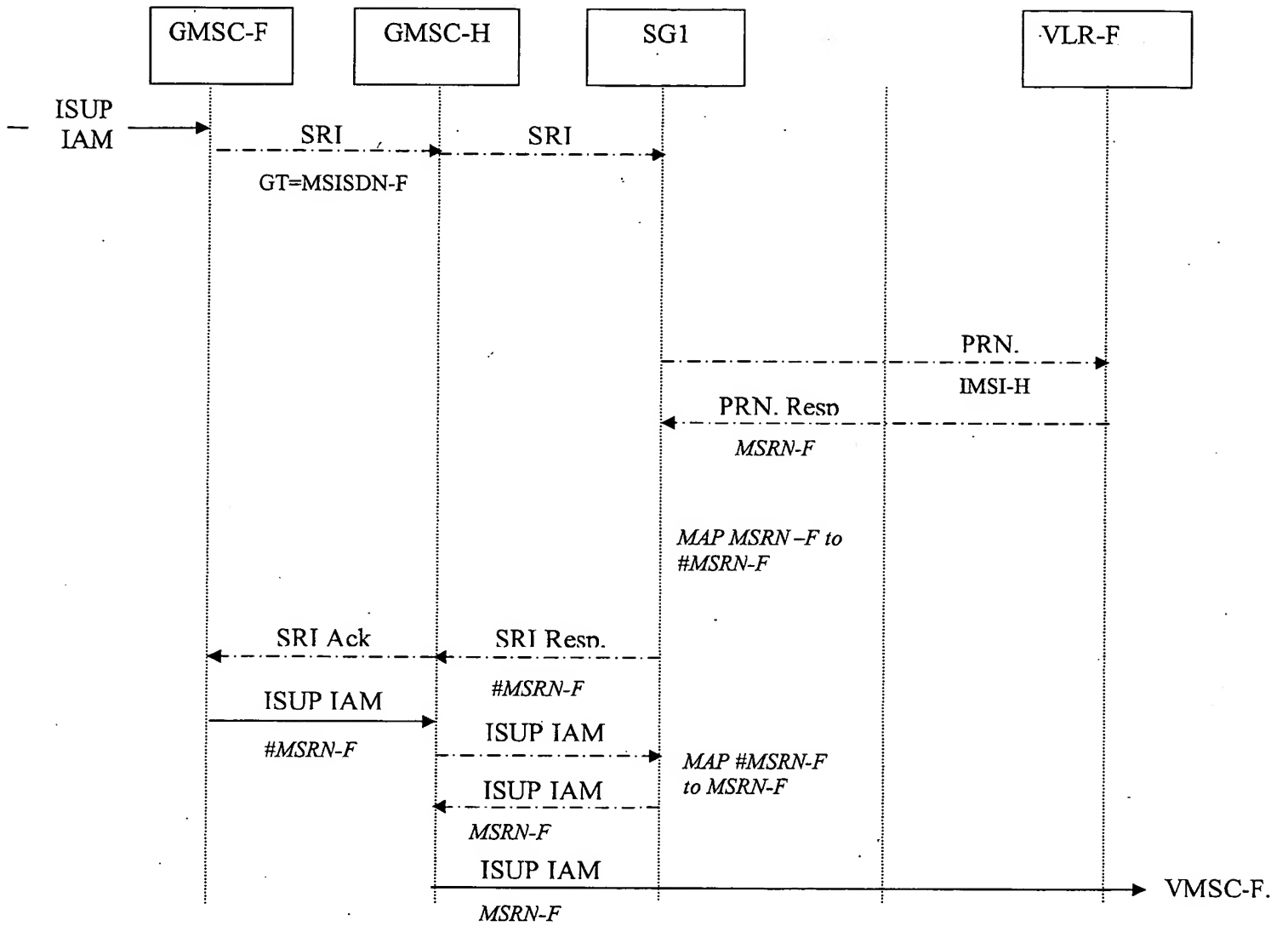


Figure 33

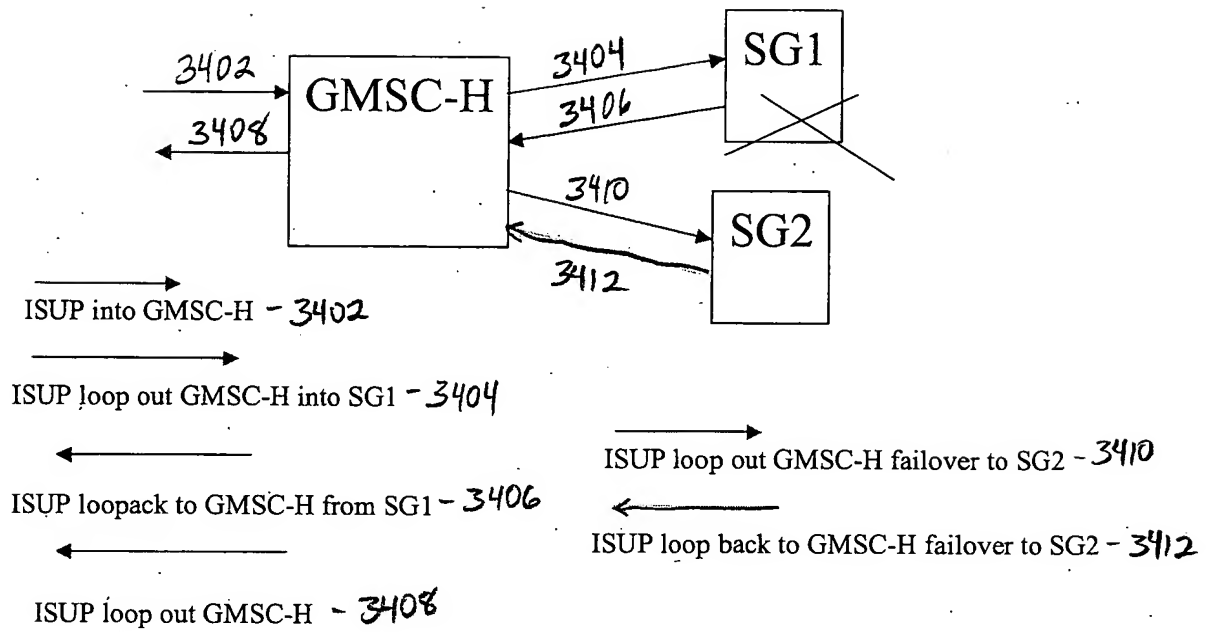


Figure 34

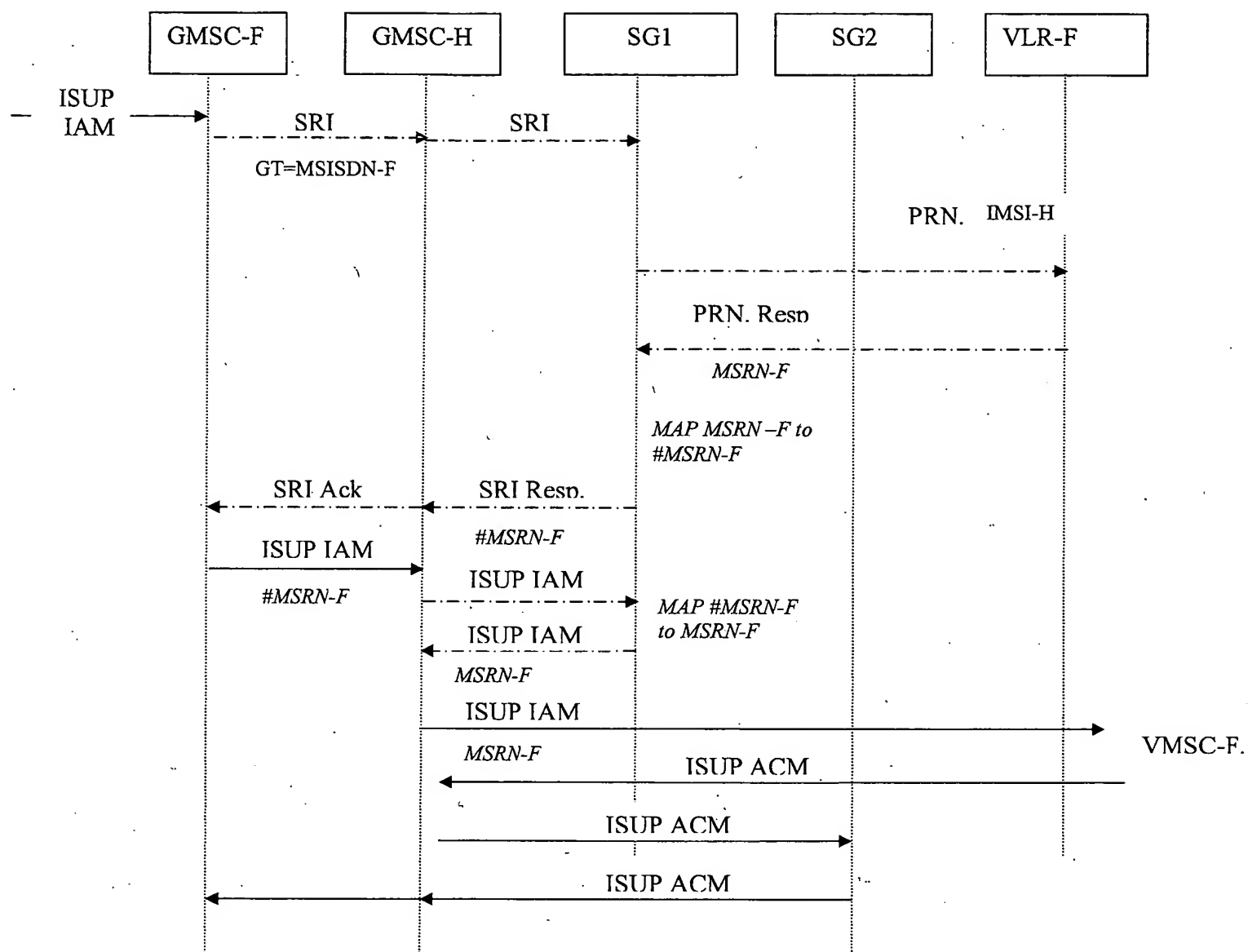


Figure 35

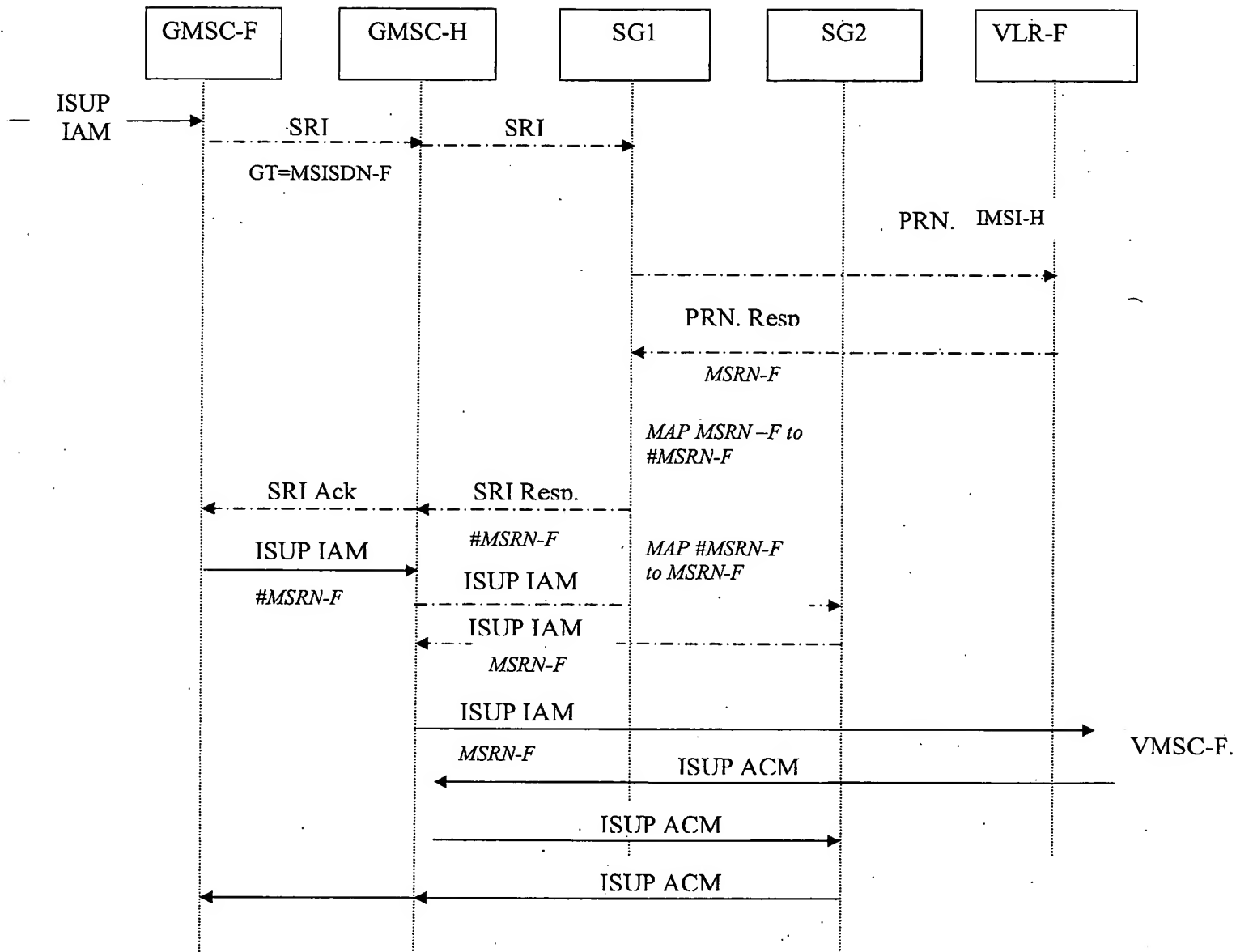


Figure 36

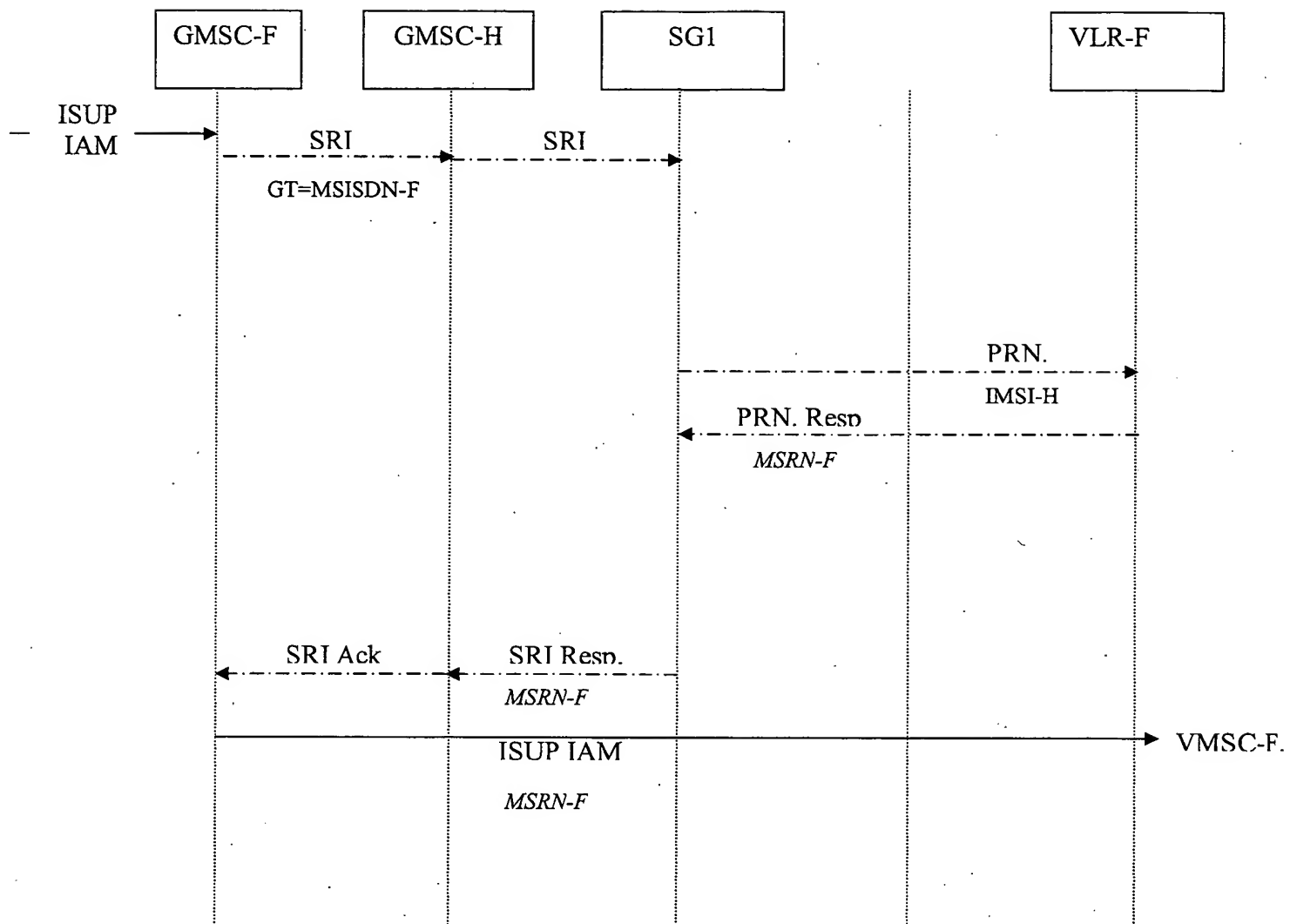


Figure 37

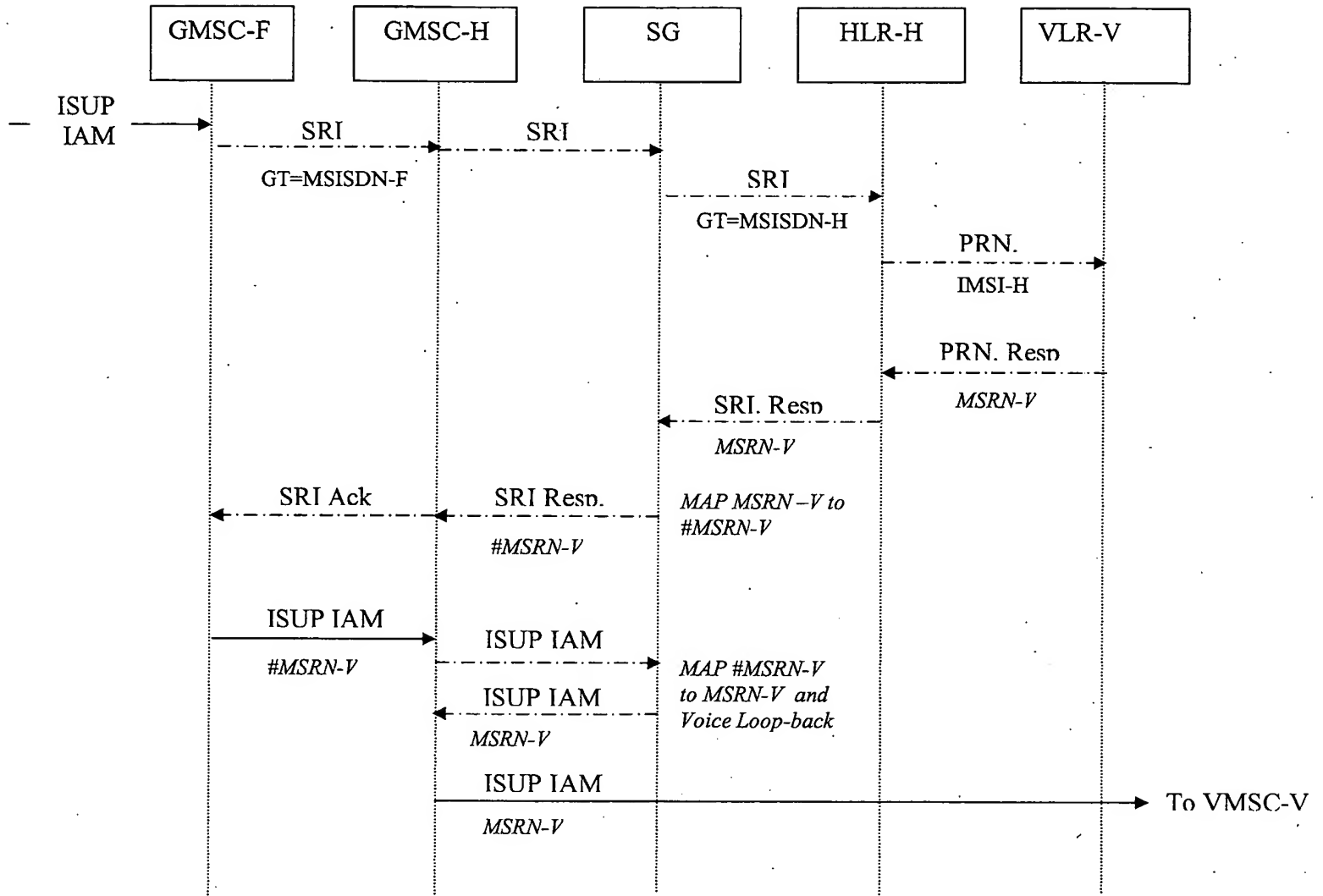


Figure 38

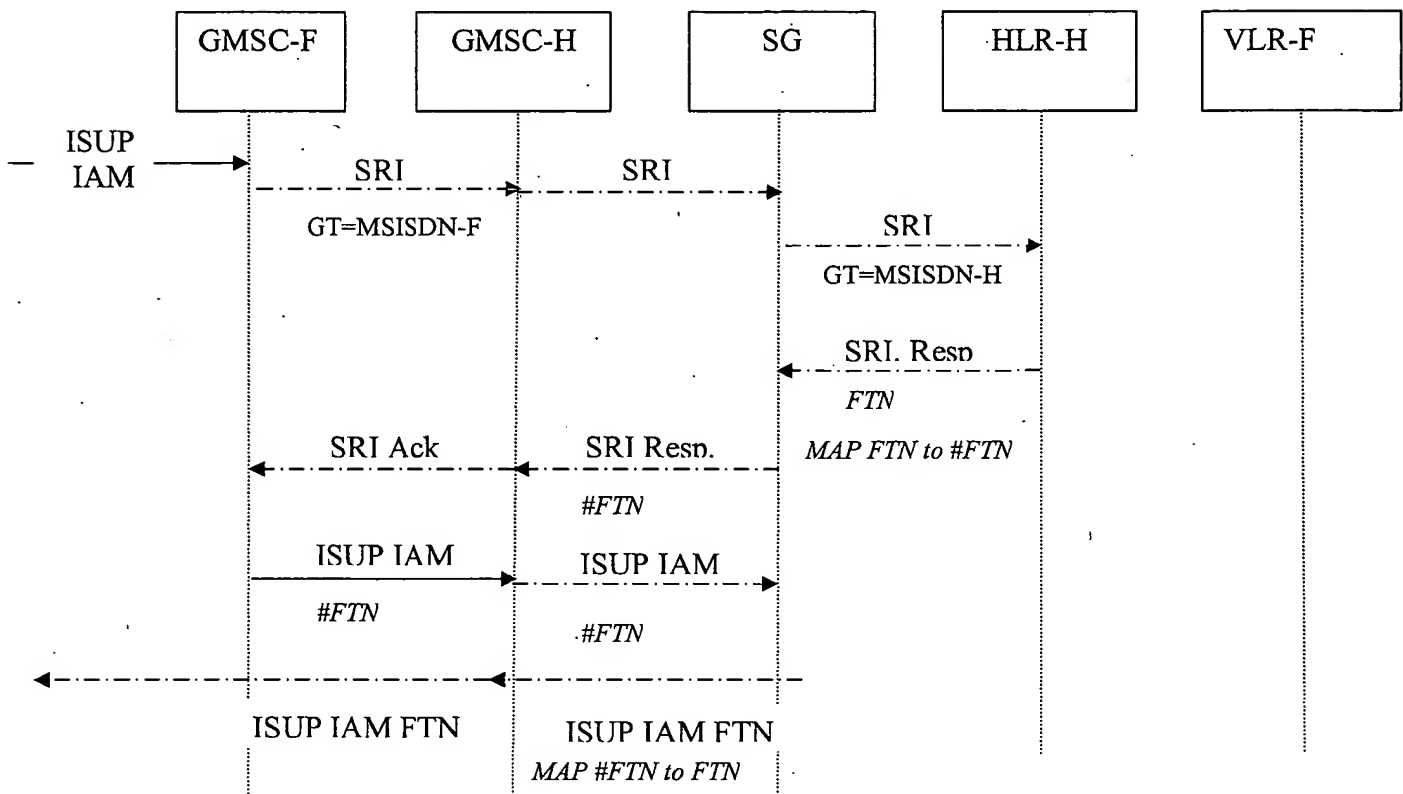


Figure 39

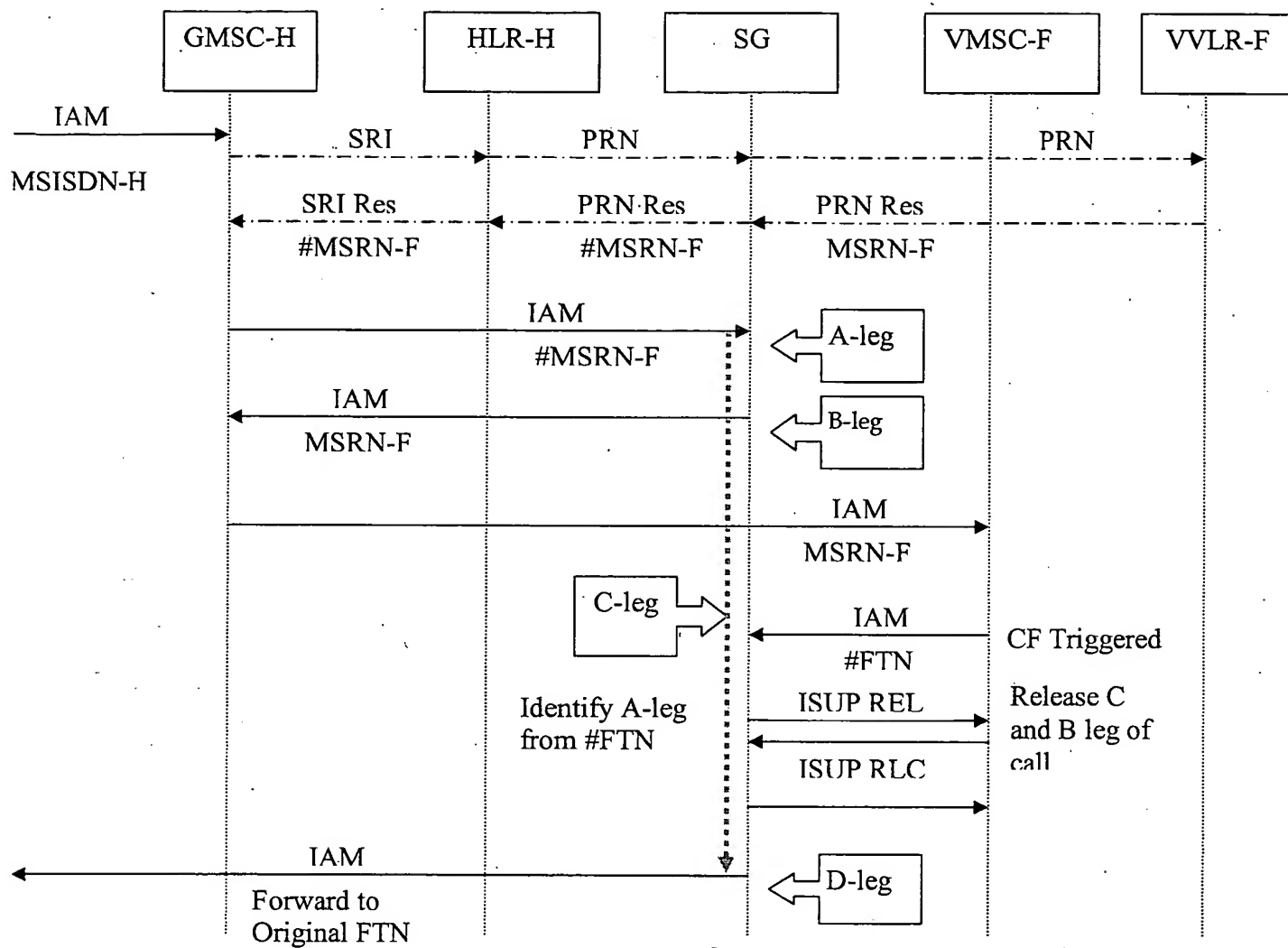


Figure 40

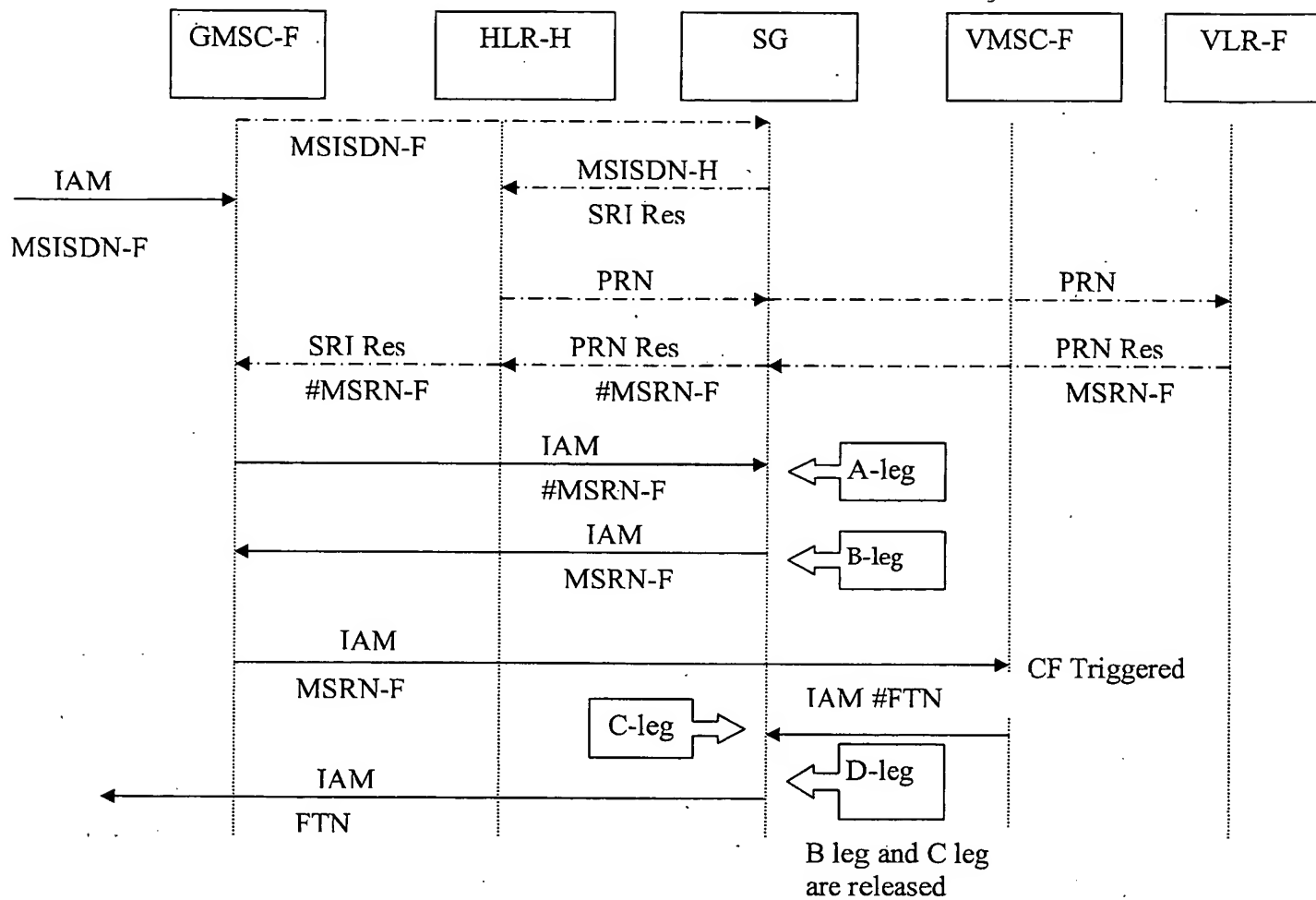


Figure 42

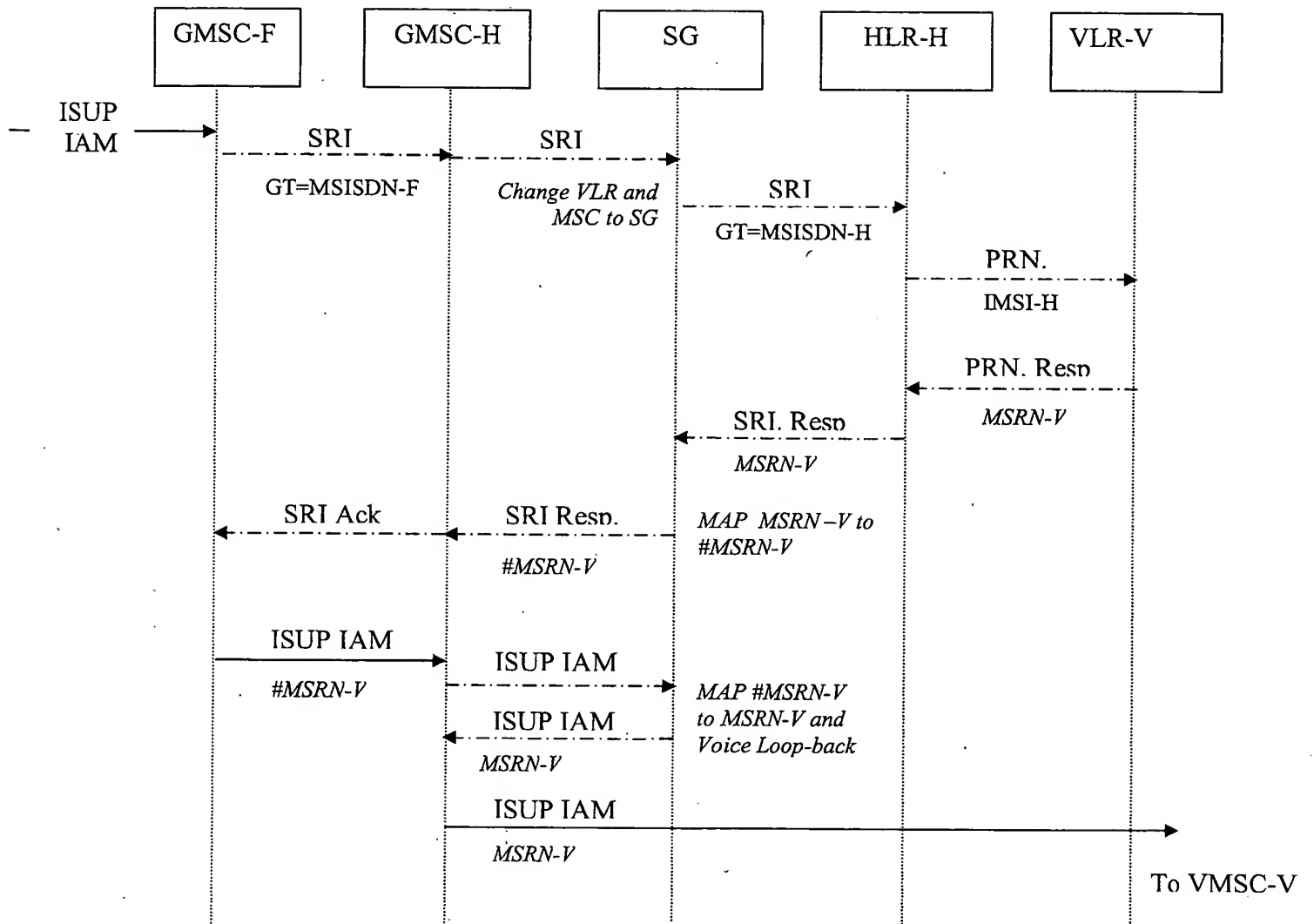


Figure 43

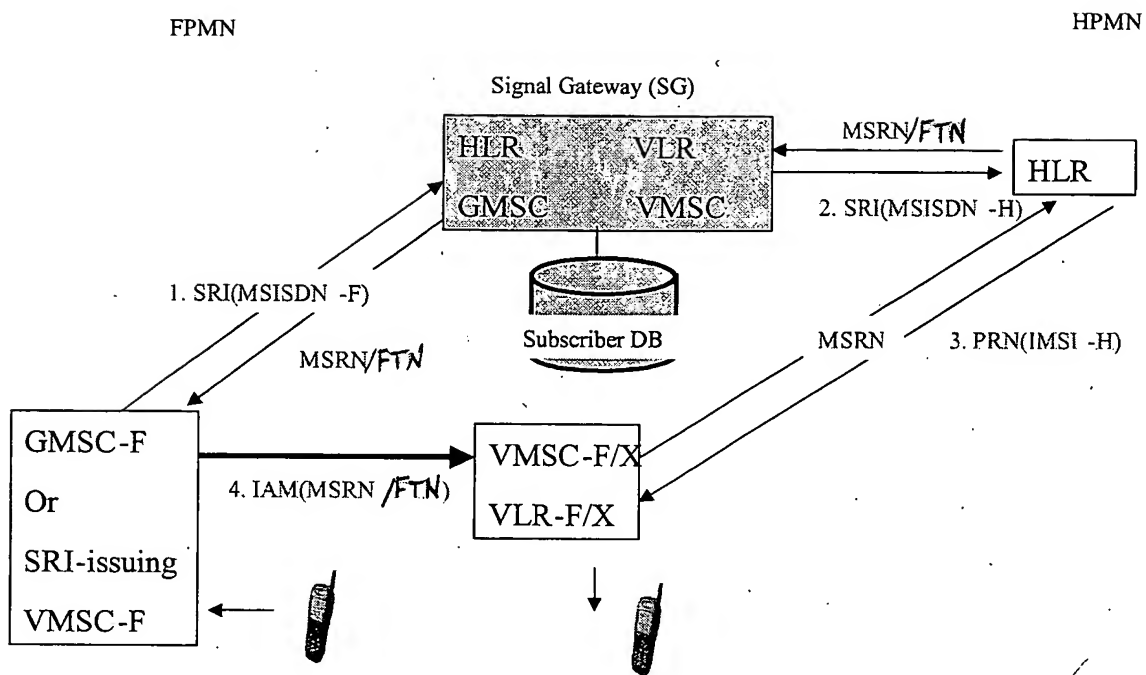


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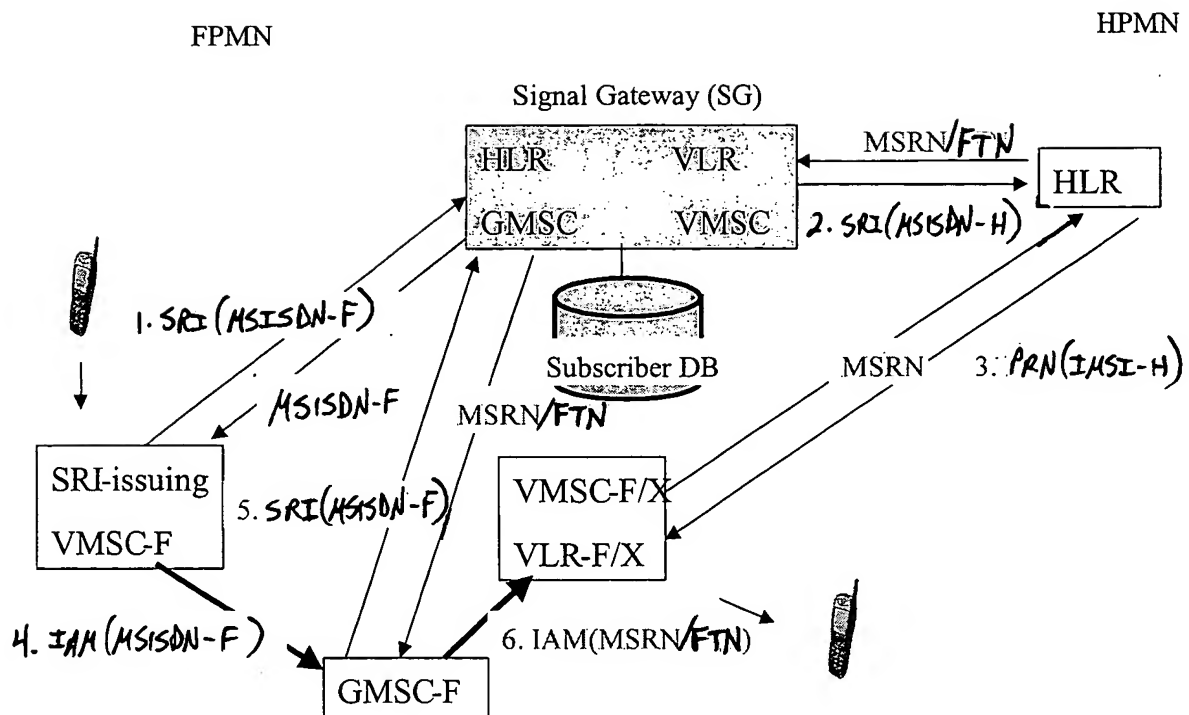


Figure 45

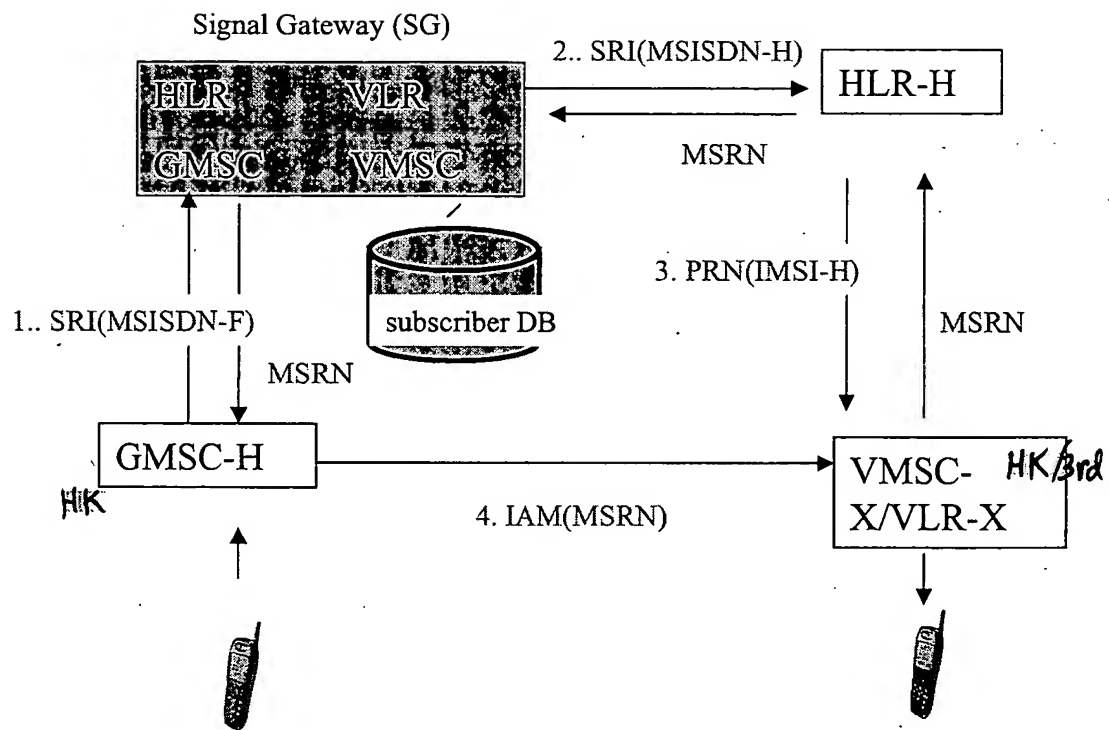


Figure 46

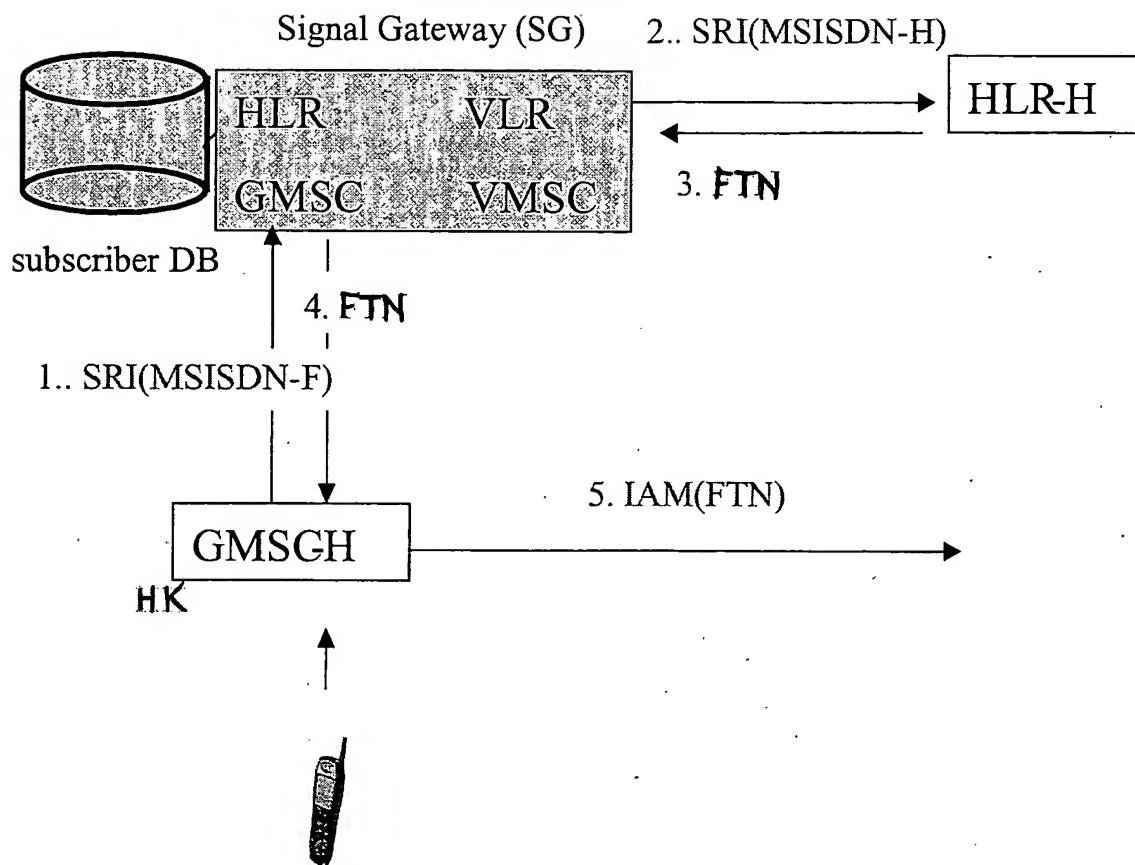


Figure 47

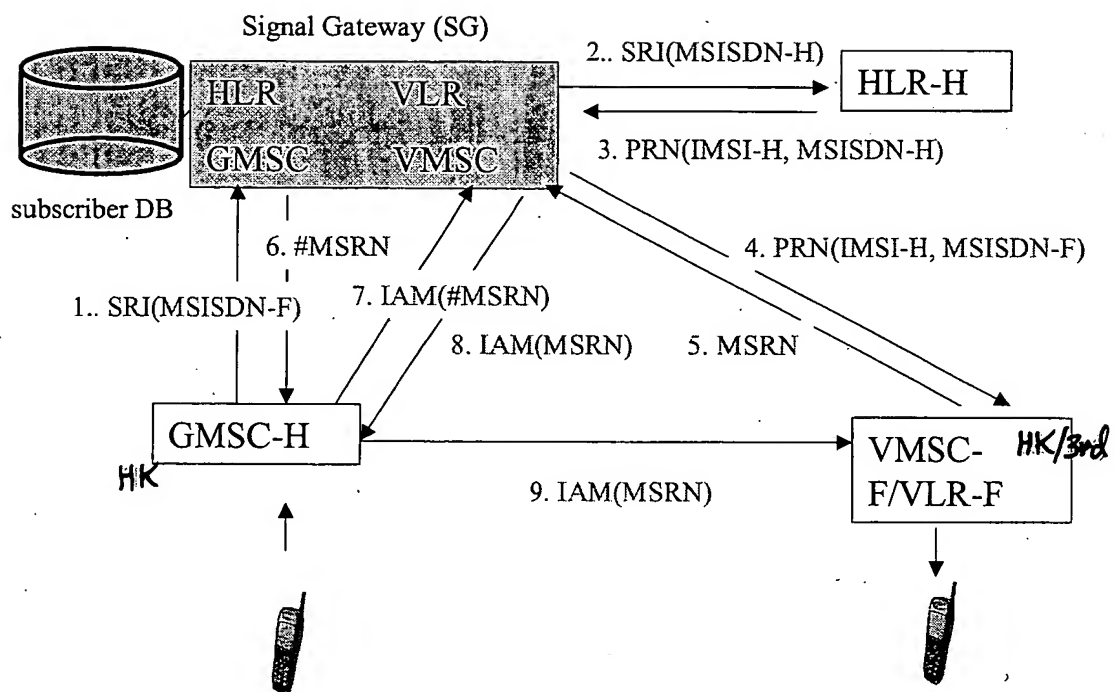


Figure 48

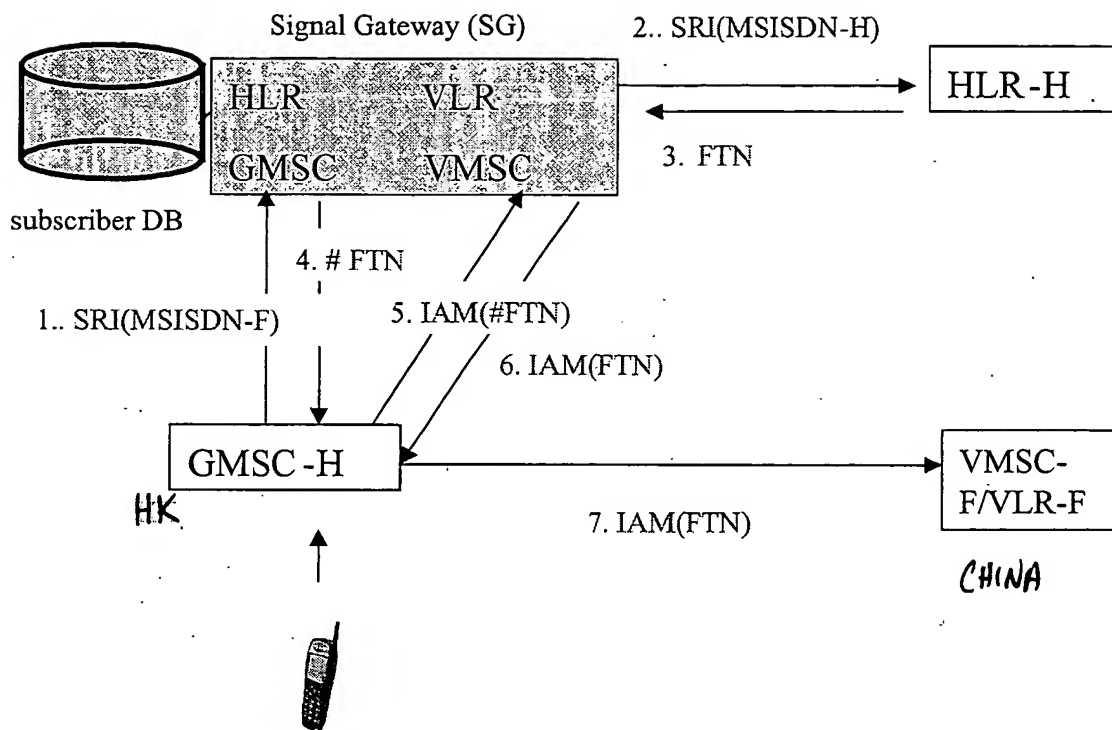


Figure 49

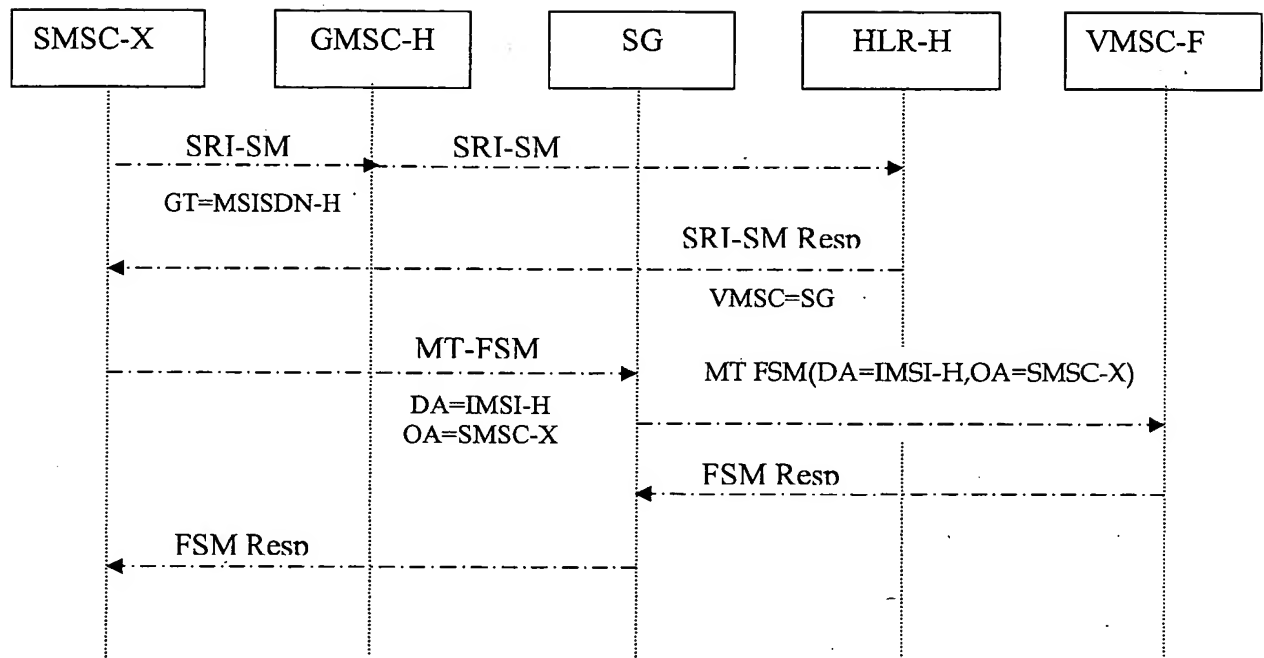


Figure 50

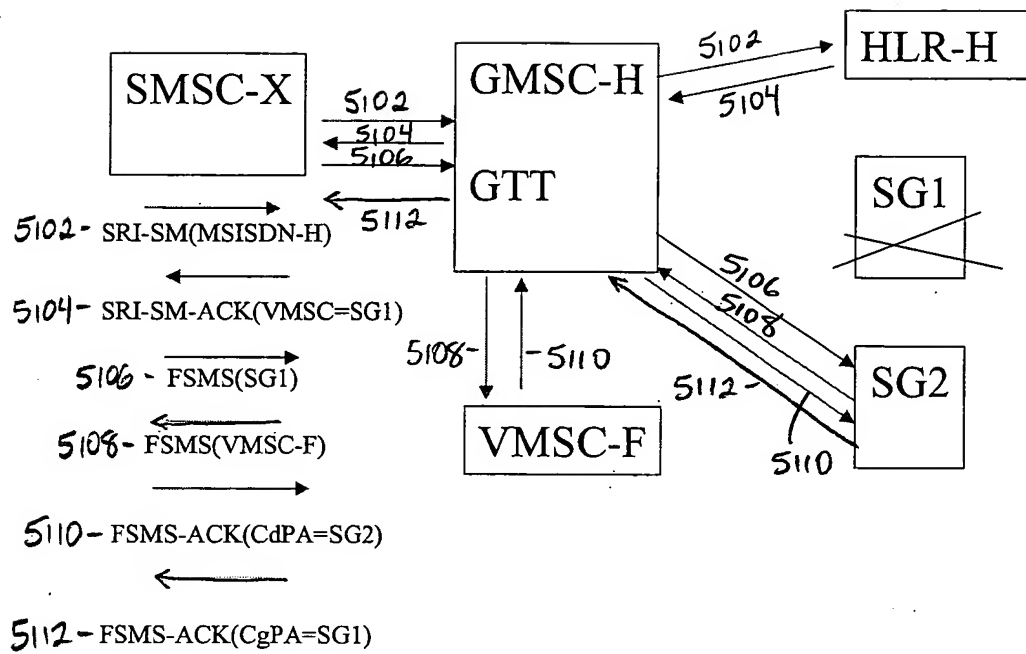


Figure 51

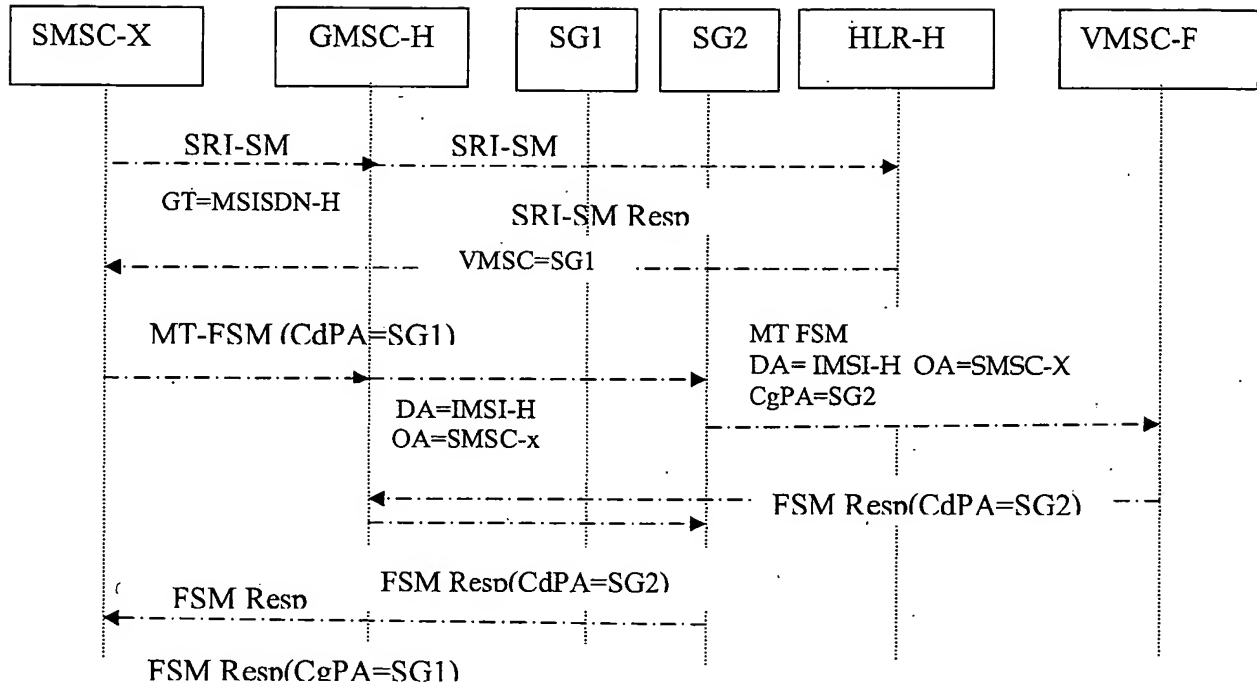


Figure 52

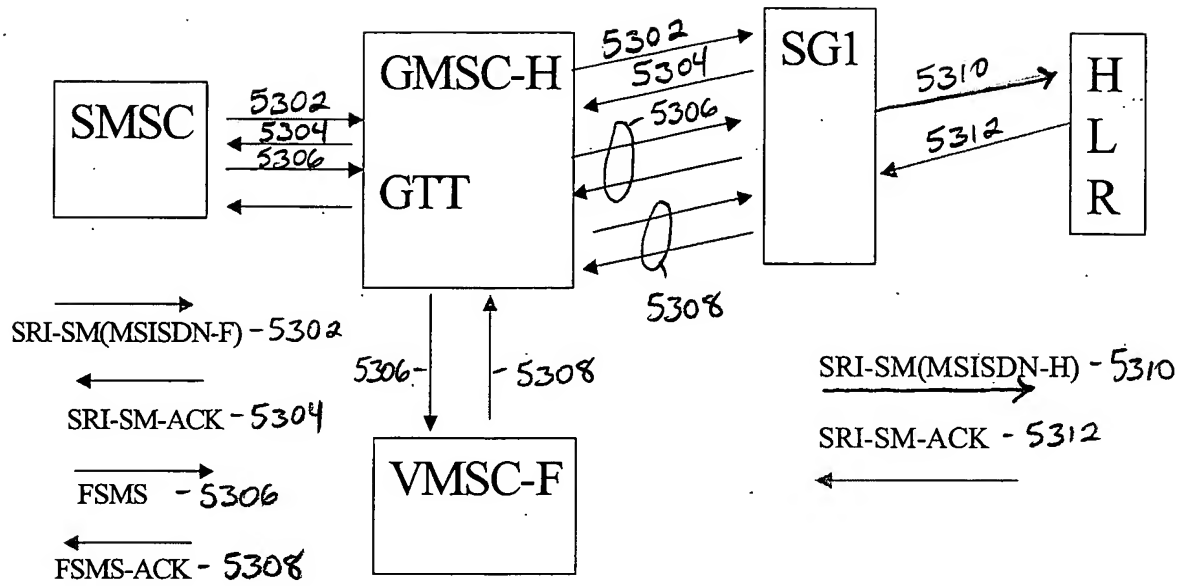


Figure 53

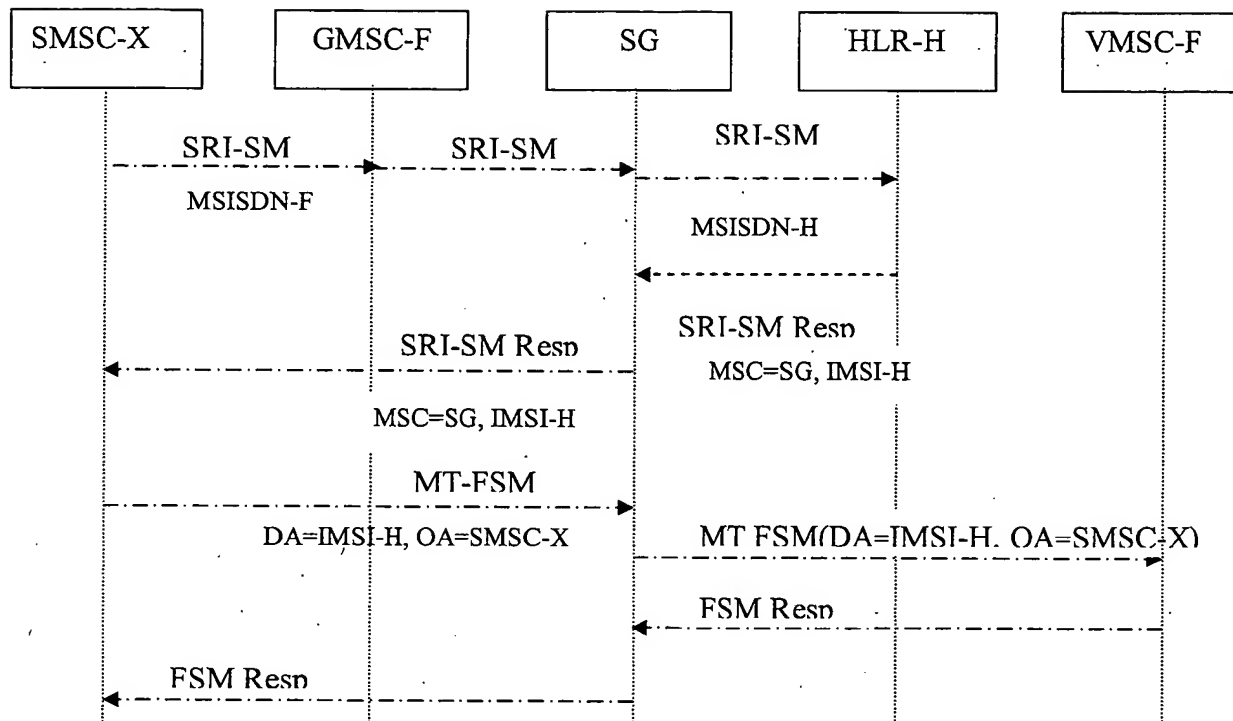


Figure 54

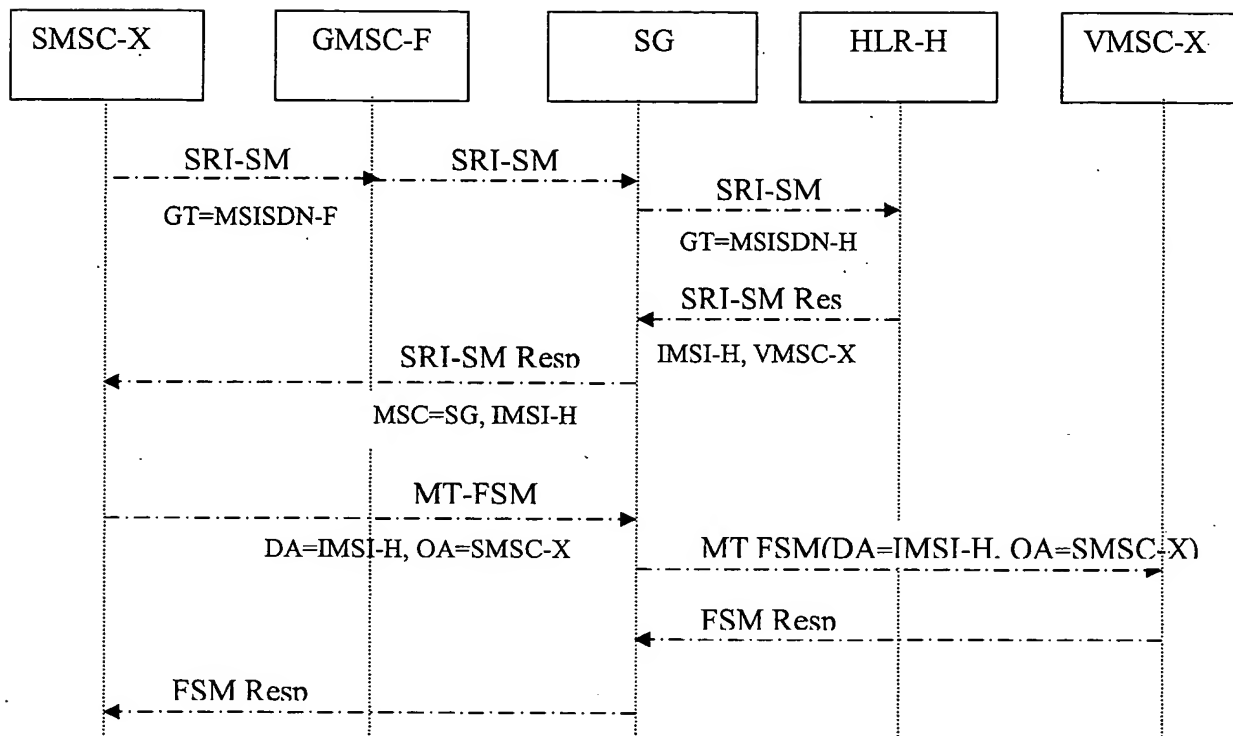


Figure 55

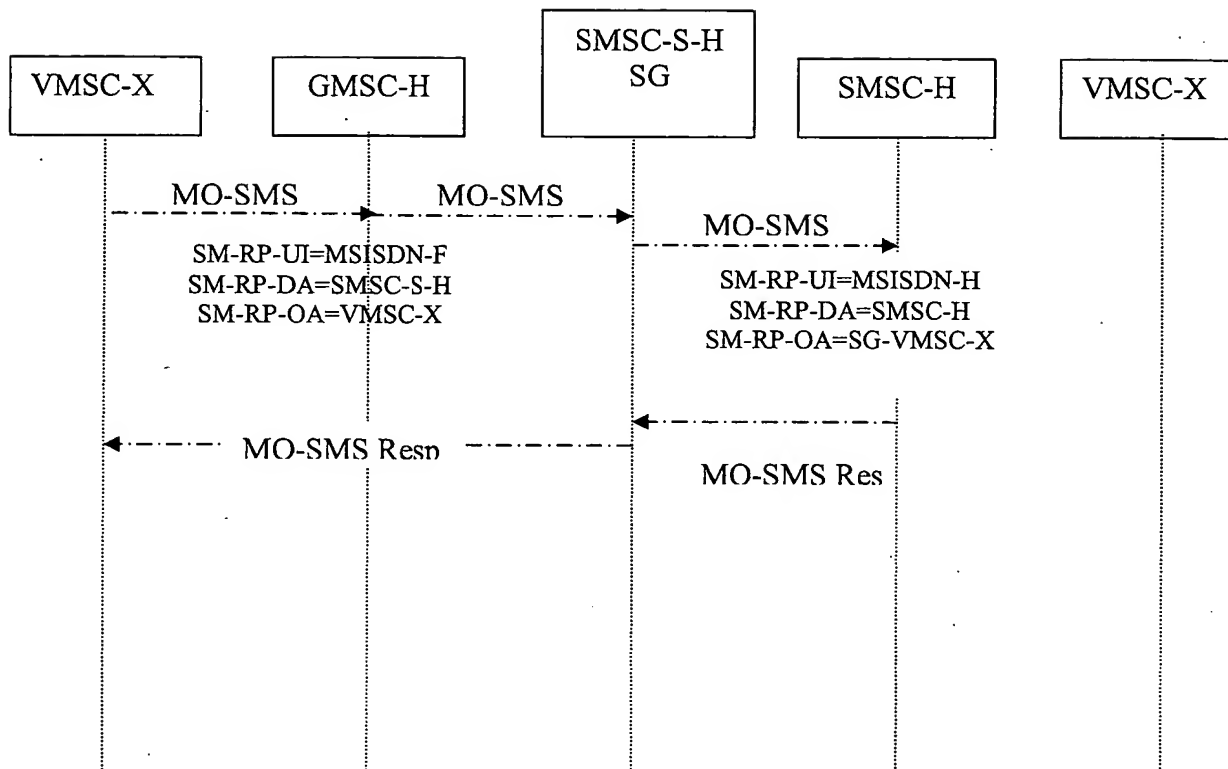


Figure 56

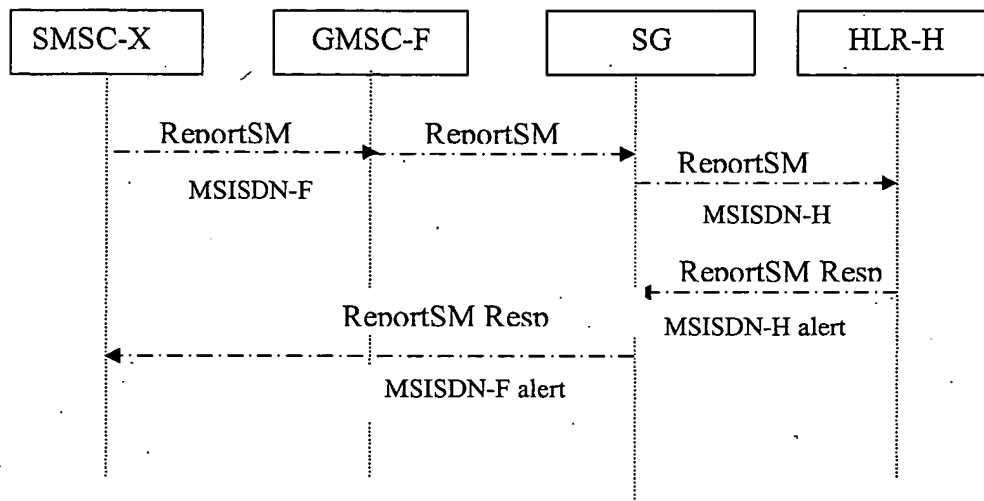


Figure 57

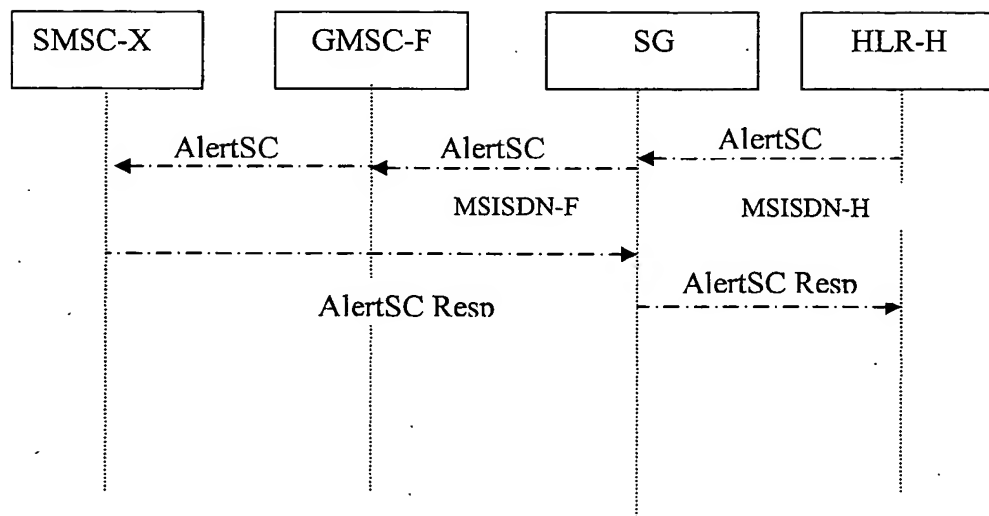


Figure 58

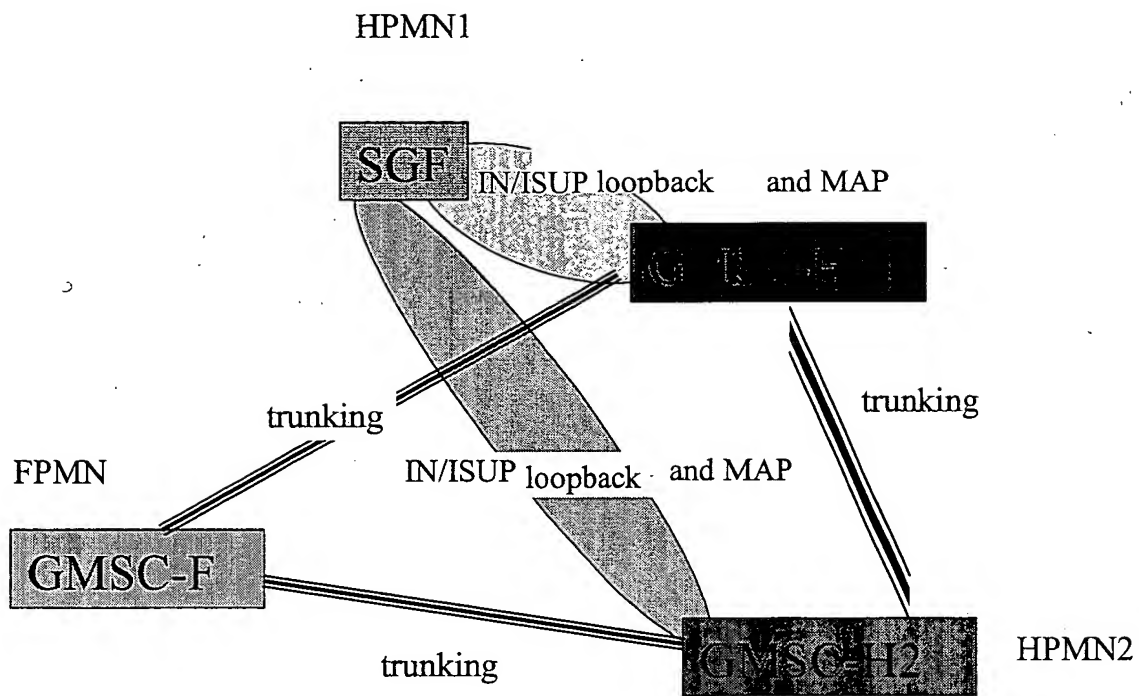


Figure 59

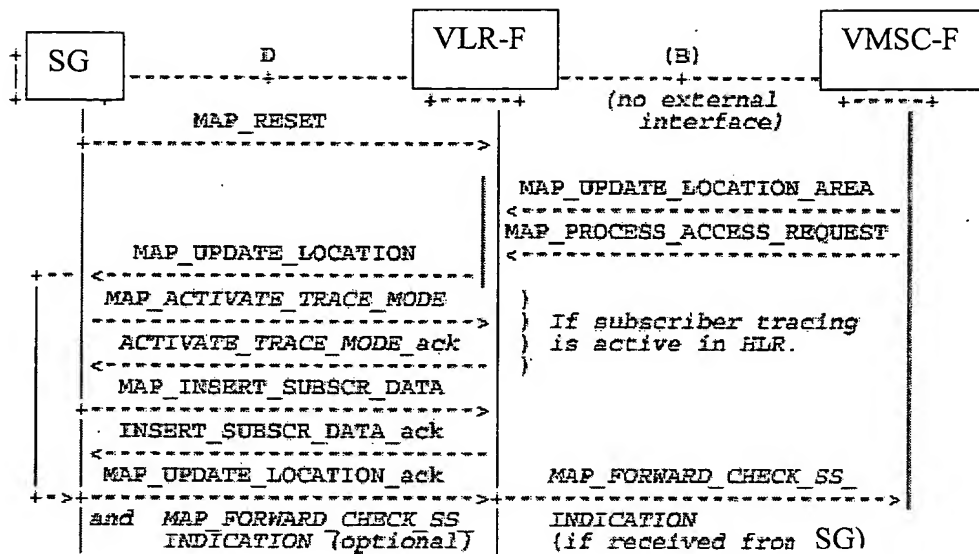


Figure 60

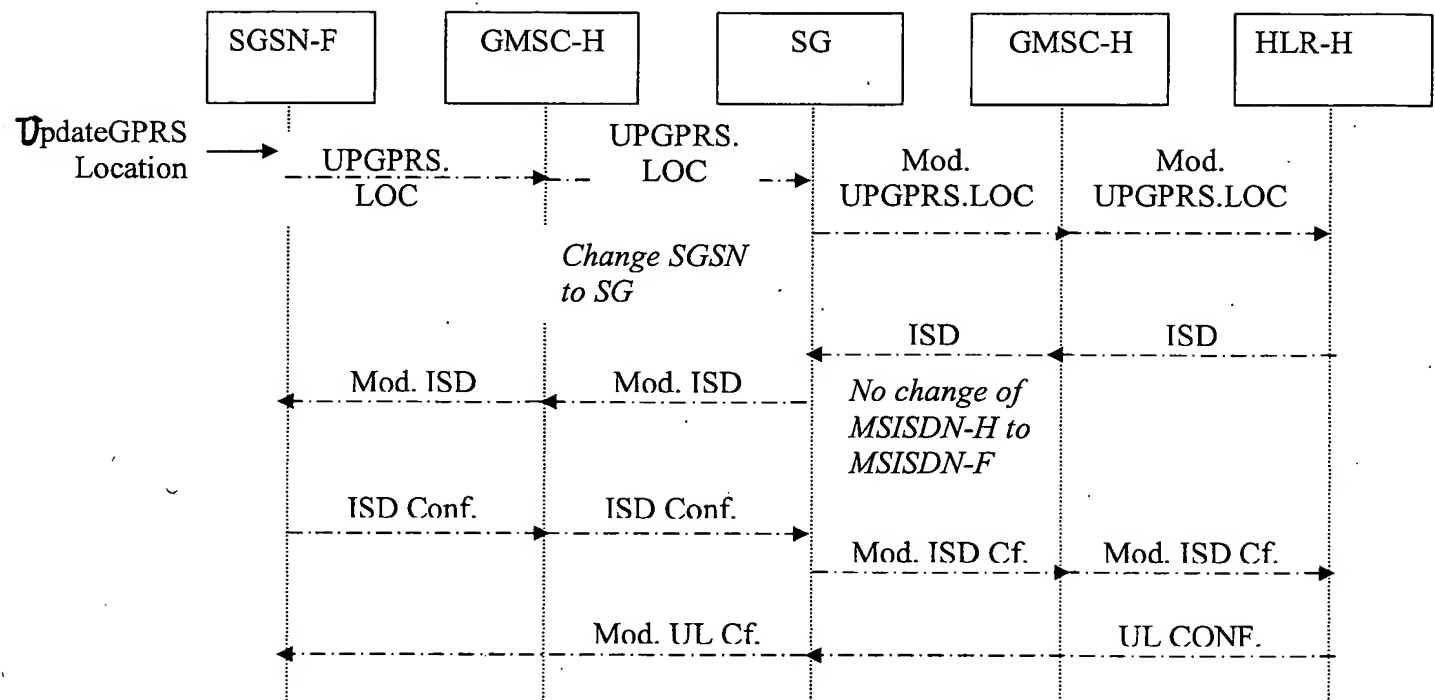


Figure 61

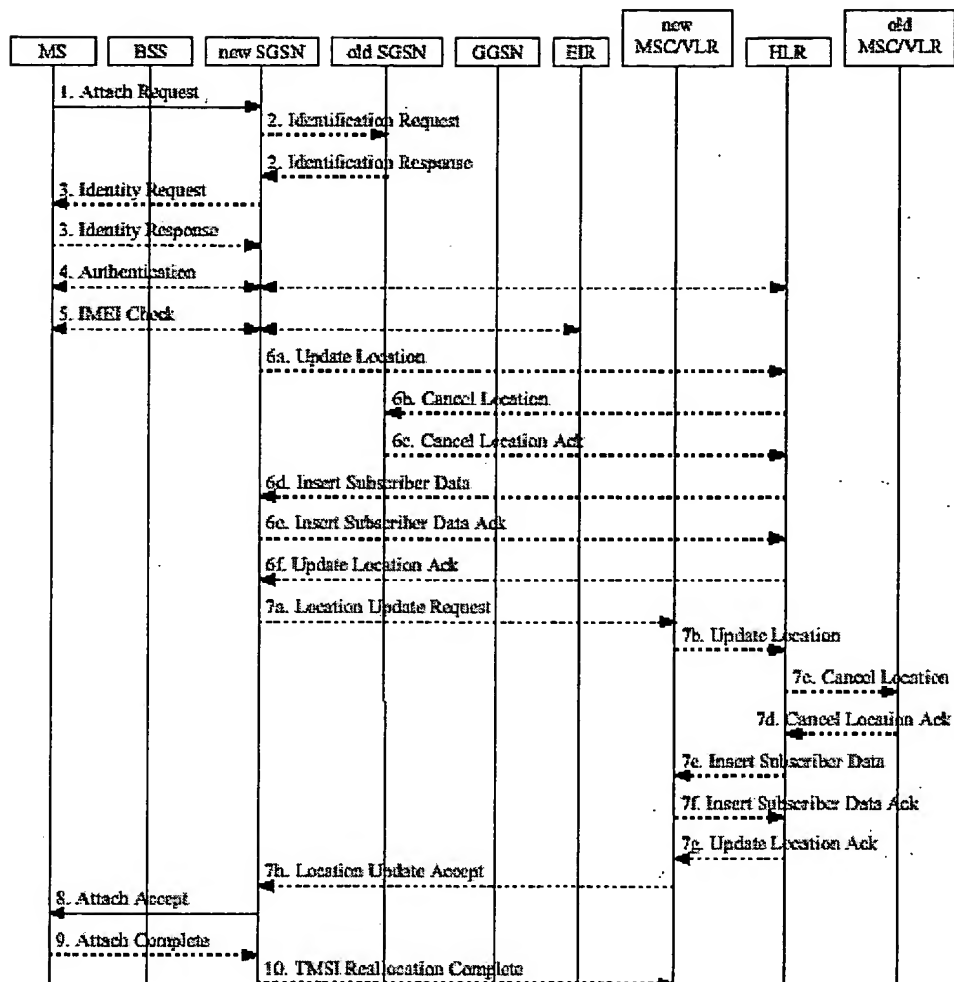


Figure 62

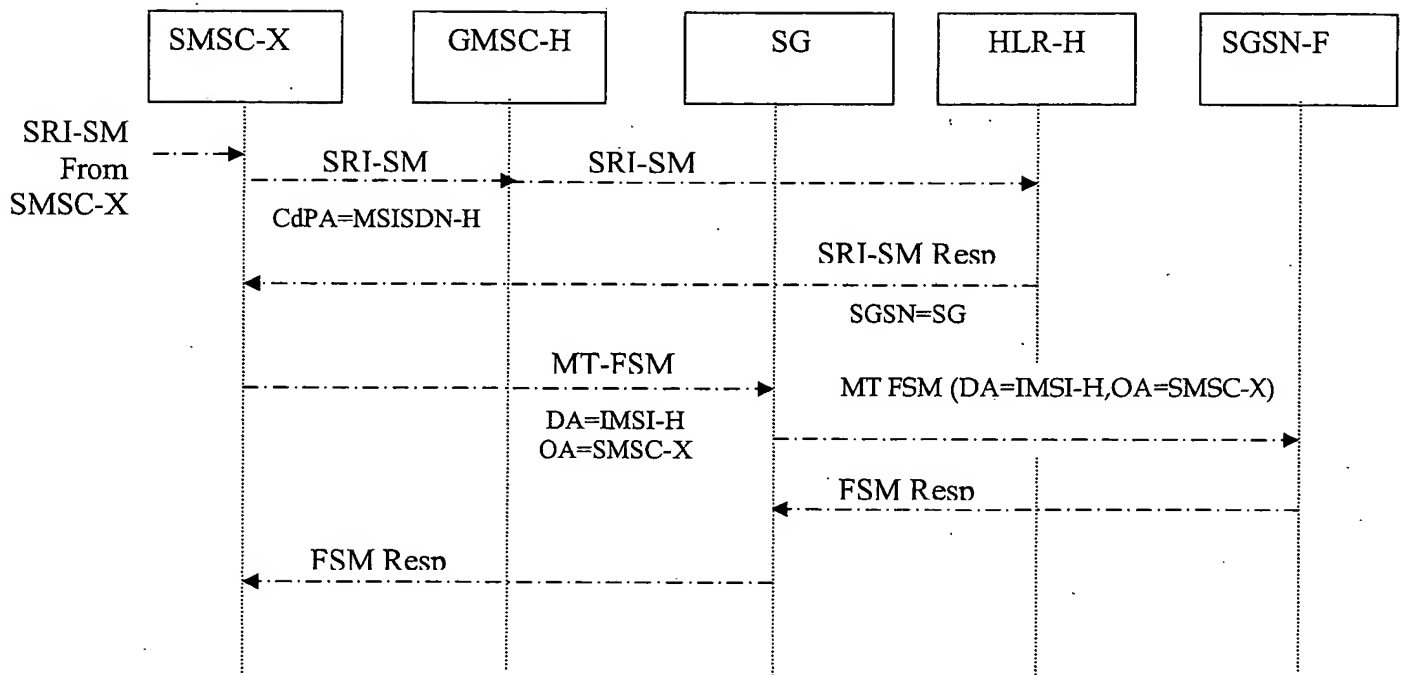


Figure 63

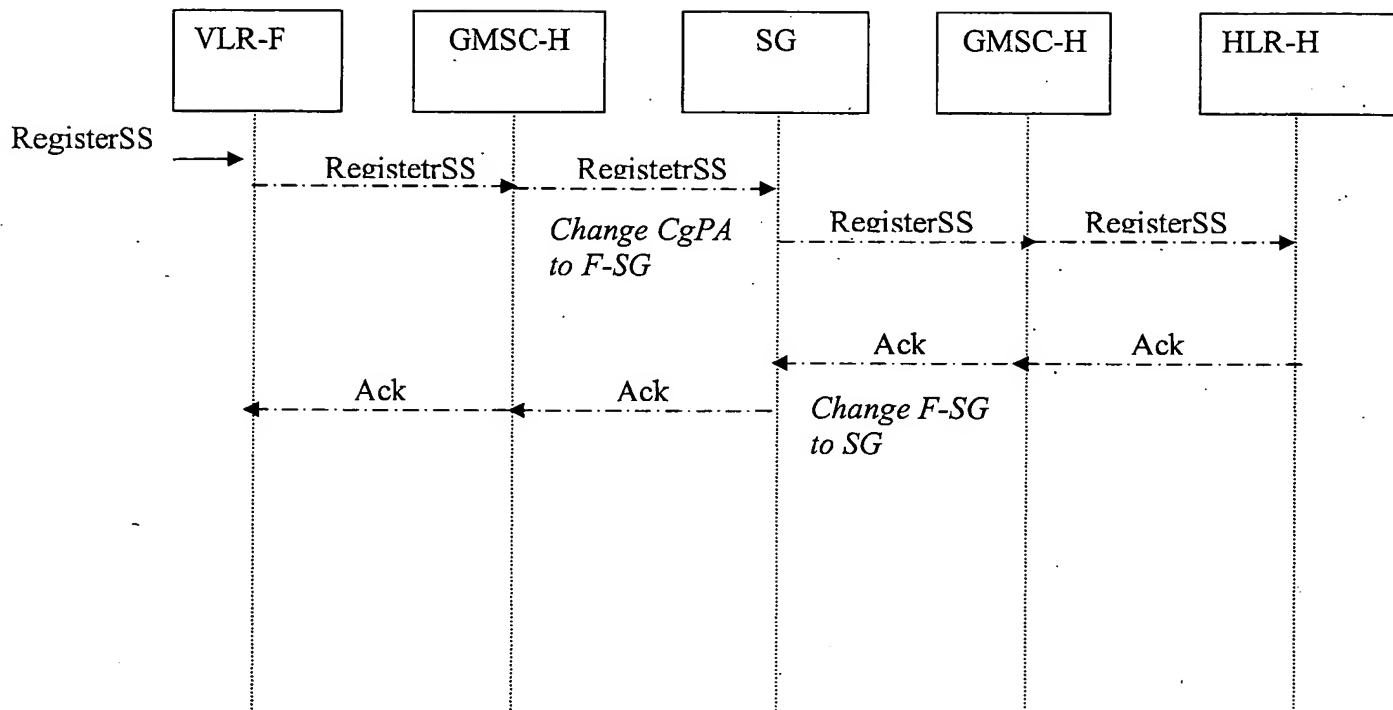


Figure 64

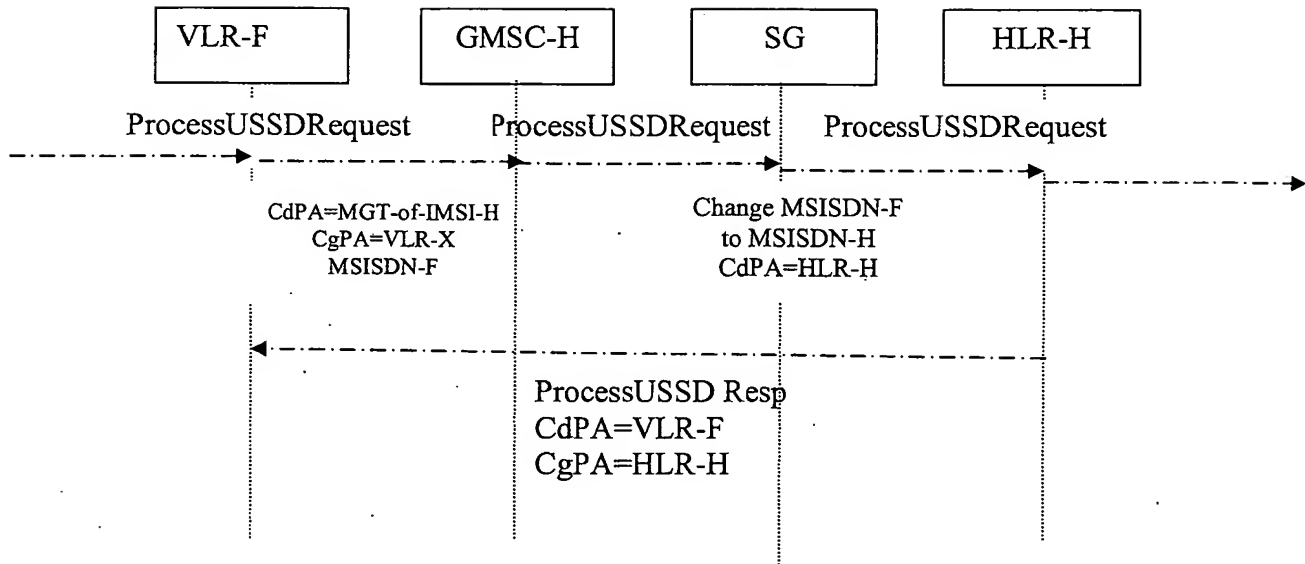


Figure 65

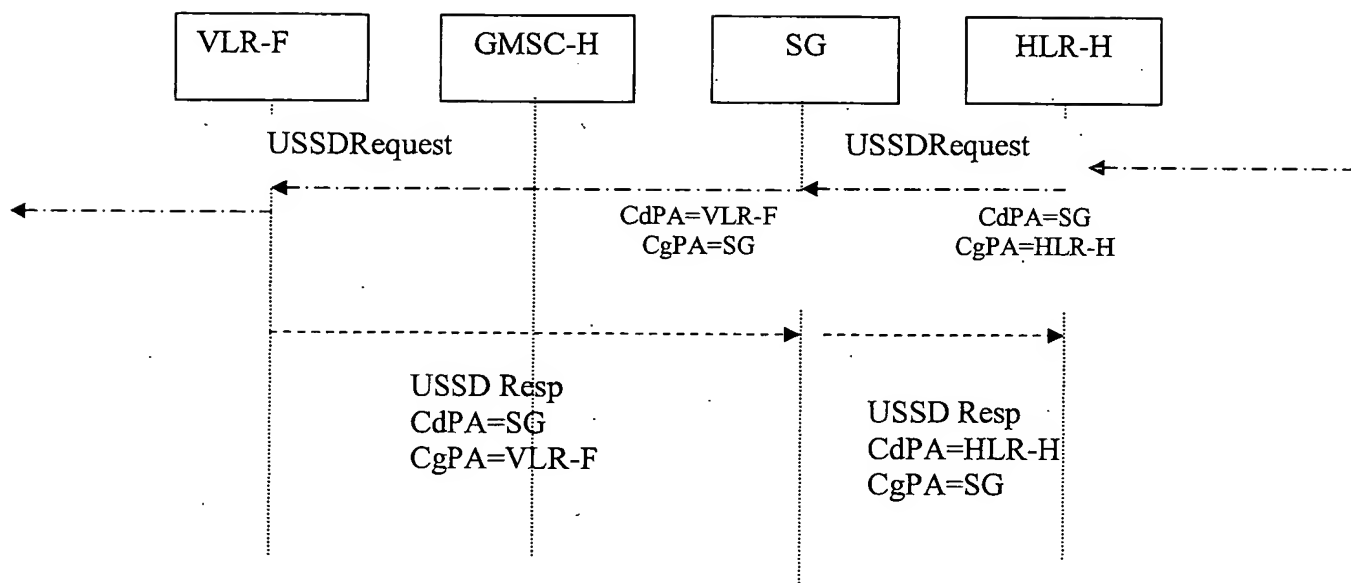


Figure 66

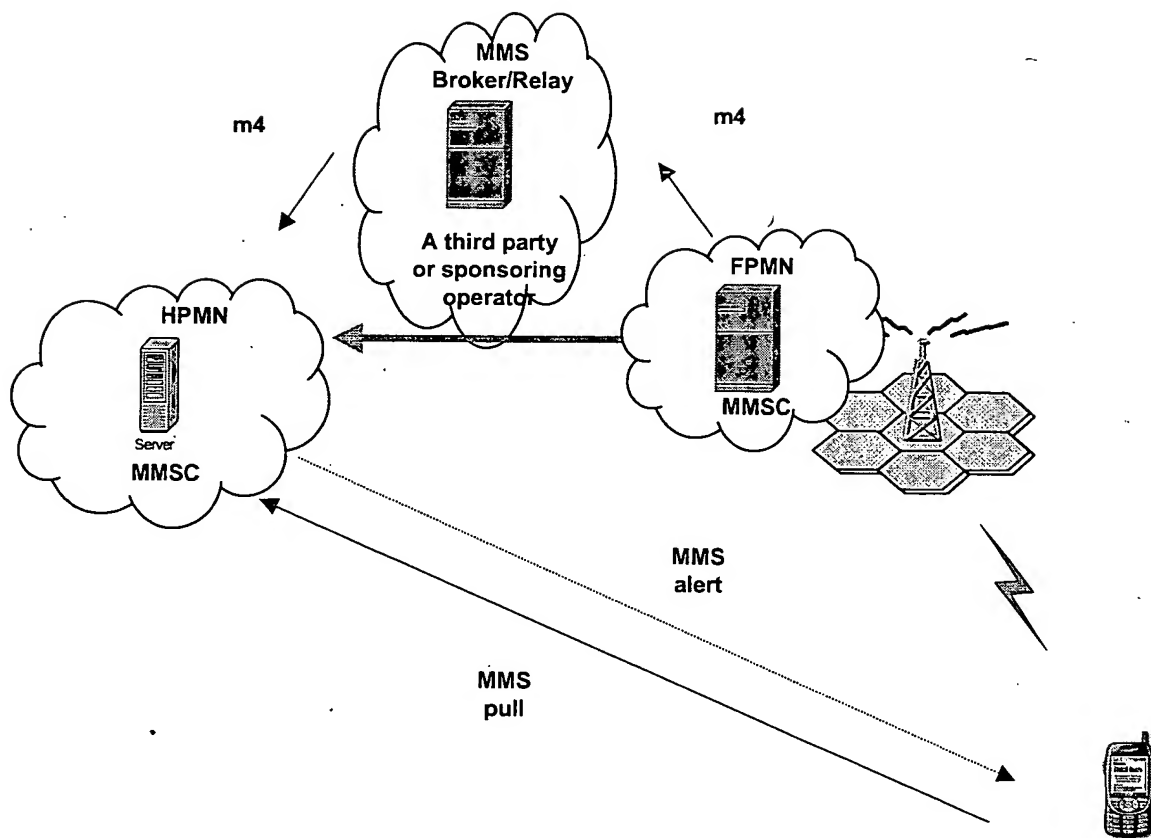


Figure 67